Nandish Patel

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Senior Manager, Software Engineering

Accomplished, strategic-minded application development leader with extensive experience advancing BI through analysis, architecting, designing, building, and integration of leading-edge digital applications, programs, and data management solutions that support business strategies and objectives. Subject matter expert and innovative problem solver applies high-level technical skills to improve administrative processes and resource coordination, maximizing productivity and bottom-line results. Analytical, critical thinker investigates and troubleshoots leveraging aptitude for staying current with trends and new technologies. Strong communication skills lend to conveying complex data to varying technical proficiencies. Collaborative, empathetic leader motivates, mentors, and promotes continuous learning to engage, empower, and retain employees. Delivers daily tech support and direction with professionalism and integrity.

Technical Proficiencies

- Software Programming:
  - C#, VB .NET, JAVA
- Internet Programming:
  - Active Server Pages (ASP) .NET, AJAX, IIS8, Typescript, React, Java Script, jQuery, Bootstrap, Angular JS, VB Script, HTML5, HTML4.1, XHTML, XML, Cascading Style Sheet (CSS),CSS3,XML/XSL, XSD, DHTML
- Database/Reporting Programming:
  - SQL, PL/SQL, Embedded SQL, ODBC, Power BI, Tableau, Cloudera Hadoop, ETL, ELT, Crystal Reports, PostgreSQL, GraphQL, Python
- Cloud Technologies / Server Technologies / Integration Tool
  - Microsoft Azure, AWS, CI/CD
- Operating Systems:
  - Windows 11/10/8/7/Vista/XP/2000/NT/98, Windows Server 2012/2008/2003, UNIX, Sun Solaris, Mac OS
- Database systems:
  - SQL Server 2016/2014, Oracle 10i/9i/8i, DynamoDB, COSMOS
- Graphic Design/Presentation Tool:
  - Adobe Creative Suite 6, Balsamiq, Adobe Captivate 5.5,Techsmith Camtasia, SnagIt
- Productivity Tools:
  - MS Word, Excel, PowerPoint, Access, Visio 2013, Jira, Smartsheets, EpheSoft
- Strong analysis, interpersonal, written, and communications skills.

Certifications and Training

- Certified SAFe 5 Agilist
- Project Management Professional (PMP) – completed 35-hour prep course
- Microsoft Certified Professional

Career Experience

NextEra Energy, Juno Beach, FL   **October 2022 – December 2023**
Principal IT Programmer Analyst

Responsibilities
- Clean and preprocess data to ensure its suitability for business analysis.
- Create new features from existing data to enhance model performance.
- Create meaningful and interpretable visualizations to communicate findings to both technical and non-technical stakeholders.
- Mentor and coach team members to improve their skills and capabilities.
- Collaborate with business stakeholders to understand their requirements and goals.
- Implement APIs and services to support front-end functionality.
- Write unit tests and conduct integration testing to ensure the reliability of backend code.
- Document code, APIs, and system architecture for the benefit of other developers and team members.

- Design and implement scalable backend architectures to accommodate growing user bases and increased application complexity.

Accomplishments

- Successfully addressed and resolved complex reporting issues within Power BI, enhancing the efficiency and accuracy of business reporting.
- Streamlined the reporting process, resulting in improved data visualization and quicker decision-making.
- Proactively identified and rectified production report connectivity issues, ensuring seamless data flow and minimizing disruptions.
- played a pivotal role in mentoring and guiding junior data analysts, fostering a culture of excellence in Power BI usage, leading to enhanced team performance and skill development.
- Worked with iLibri team to achieve upgrading closing application using new technology.

Technology
- Typescript, Node JS, Vue JS, Java, Scala, GraphQL, AWS, Power BI, PostgreSQL, DynamoDB, CI/CD

Rushmore Loan Management Services, Boca Raton, FL (Formerly FirstBank)   September 2019 – September 2022
Mortgage Applications Development Manager

Responsibilities
- Drove all daily operations of web application development, managing SDEs and machine learning engineers, reviewing, and analyzing coding for existing applications and programs.
- Mentored team of 17 onshore and offshore including performance monitoring, vendor management.
- Leveraged technical skills to identify, define, investigate and solve problems and provide technical insight to project managers, business analysts and other programmers.
- Conducted research into new technologies including tools, components, and frameworks presenting recommendations and data management solutions to senior leadership team.
- Developed and deployed new and revised applications systems software and enhancements to existing applications enterprise-wide.
- Ensured new software integration met functional requirements, system compliance, and interface specifications.
- Documented developed software environment for supportability and created technical release notes and deployment guides to move completed code into production.

Accomplishments
- Improved processing time from five to two days for 90% of operation using ML Ops.
- Identified opportunities for operational improvement resolving technical issues for exiting technology resulting in significant savings and improved profit margins.
- Reduced manual data input by 80% with innovative technology.
- Deployed automation to detect issues prior to fund avoiding loss and penalties based on data and AI.
- Increased loan volumes from $2.1 billion to $6.7 billion in two years by scaling system and improving customer support.
- Motivated, mentored, and coached application developers to collaborate with other developers providing dynamic, communication, support and troubleshooting.

Technology
- .Net Framework 4.7, IIS 8.0, ASP.NET, C# 7, VB.NET 11, SQL Server 2019, DevOps, Microsoft Azure, Azure Databricks & Data Factory, Python, AWS, ASP .NET/AJAX,HTML5/HTML4.1, XML/XSL/XSLT, JavaScript, jQuery 3.4.1, JSON, Angular JS, Node JS, Vue JS, Express JS, Bootstrap, CSS 3/2.0, CI/CD

FirstBank, Pompano Beach. FL (Formerly Finance of America Mortgage LLC)   April 2017 – August 2019
Mortgage Applications Development Manager

Responsibilities
- Managed and led in-house and off-shore SDEs and oversaw daily operations of web application development, review, analysis, and coding of existing applications and programs.
- Mentored team of 17 onshore and offshore including performance monitoring, vendor management.
- Leveraged technical knowledge and skills implementing information technology best practices, development processes, and software architecture.

- Planned, developed, and maintained database.
- Advised business analyst in defining and establishing business requirements.
- Collaborated with quality assurance to test developed applications.
- Consistently communicated with users to identify system and turn time improvements.

Accomplishments
- Deployed data import automation assisting to improve operation process using ML Ops and AI
- Improved team development turnout by sharing purpose and business functionality.
- Delivered digital marketing ideas and recommendations for sales team.
- Implemented large-scale projects in multiple phases without affecting operations and surpassing industry timeline with zero-change of error.

Technology
- .Net Framework 3.5, IIS 8.0, ASP.NET, Visual Studio 2012, C# 5, VB.NET 11, SQL Server 2012, DevOps, Python, AWS, Microsoft Azure, Azure Databricks & Data Factory, HTML5, XML/XSL/XSLT, JavaScript, jQuery, Angular JS, Node JS, Vue JS, Express JS, CI/CD

Finance of America Mortgage LLC, Boca Raton, FL (Formerly PMAC Lending Services Inc.)   August 2015 – April 2017
Project Manager/Senior Programmer Analyst

Responsibilities
- Steered design and implementation of business intelligence system for data warehouse on Azure.
- Led and directed in-house and outsourced technology teams including task assignment and code review. Infrastructure team member tasked with overseeing communication, networking, building security and other initiatives.
- Planned, developed, and maintained database, Crystal Reports, and server.
- Implemented Integra-Mortgage Online System Epic development.
- Created and maintained Tableau reports, Tableau user management, ETL process, and Automated Compass Report.

Accomplishments
- Evaluated functional and non-functional requirements designing and developing correspondent mortgage system and website including tech support and troubleshooting.
- Consolidated four company's data into one by creating innovative data warehouse solution for different channels using single point of reporting platform; assisted in data being used for risk assessment resulting in millions of dollars in savings by avoiding bad loans and penalties.

Technology
- Net Framework 4/3.5, IIS 7.0, ASP.NET, Visual Studio 2013, VB.NET 11, C# 5, SQL Server 2014/2012, Visual Studio Online, Power BI, Tableau, Cloudera Hadoop, Python, AWS, Microsoft Azure, Azure Databricks & Data Factory, ASP .NET/AJAX,HTML5/HTML4.1, XML/XSL/XSLT, JavaScript, jQuery, JSON, Angular JS, Bootstrap, Adobe Creative Suite 6, CI/CD

PMAC Lending Services Inc., Boca Raton, FL (Formerly WCS Lending LLC)   September 2013 – July 2015
Team Lead/Senior Application Developer

Responsibilities
- Directed developer and quality assurance teams including task assignment and code reviews.
- Collaborated with infrastructure team to oversee communication, networking, building security and other initiatives. Planned and developed database including ongoing maintenance.
- Created and oversaw maintenance of numerous applications including intranet, wholesale web portal, and paperless system.

Accomplishments
- Reduced production issues by 50% through improvements to technology that met industry standards.
- Identified and gathered functional and non-functional requirements and developed correspondent mortgage system and website including ongoing tech support.

Technology

- Net Framework 3.5/3.0/2/0/1.1, IIS 7.0/6.0, ASP.NET, Visual Studio 2012/2010/2005, C# 5, VB.NET 11, SQL Server 2012/2008/2005, TFS 2010, Calyx Point 8.1, AWS,ASP .NET/AJAX,HTML5/HTML4.1, XML/XSL/XSLT, JavaScript, jQuery 1.9.1/1.9.0/1.8.0/1.7/1.6, Adobe Creative Suite 6, CSS 3/2.0

WCS Lending, Boca Raton, FL   **May 2005 – September 2013**
Senior Application Developer

Responsibilities
- Oversaw local branch supervising developer and quality assurance teams including task assignment, issues resolution, troubleshooting, and reviewing codes.
- Key contributor to infrastructure team tasked with overseeing communication, networking, building security and other initiatives.
- Assisted director with overall daily operations of web application development department.
- Provided wholesale web support for partners and intranet application tech support.
- Developed and maintained intranet application, wholesale web portal, and paperless system.
- Created and maintained intranet and customer records database.

Accomplishments
- Scaled system enabling new line of business; achieved high volumes of multi-millions within one month; increased company growth by 40% year over year with employment at 70% within company.
- Authored user guides for application users and scripts for special loan mortgage leads.
- Integrated application with company website.
- Mapped out conceptual design for planned database in outline.
- Created and maintained payroll and branch reconciliation report.

Technology
.Net Framework 3.5/3.0/2/0/1.1, IIS 7.0/6.0, ASP.NET, Visual Studio 2012/2010/2005, C# 5, VB.NET 11, SQL Server 2012/2008/2005, TFS 2010, Calyx Point 8.1, AWS, Microsoft Azure,ASP .NET/AJAX,HTML5/HTML4.1, XML/XSL/XSLT, JavaScript, jQuery 1.9.1/1.9.0/1.8.0/1.7/1.6, Adobe Creative Suite 3,4, CSS

Additional Professional Experience

Society for Information Management, Boca Raton, FL   **March 2021 – Present**
Vice President and Board Member

Responsibilities
- Oversee development and implementation of membership growth and retention strategy and marketing initiatives in support of south Florida's business solution exchange, professional development, and further education society for premier IT leaders, Align budget, expense management, stakeholder communication.
- Streamline organizational processes, identifying solutions for increased efficiencies and improved performance.
- Focus on increasing leadership membership to further impact South Florida.

Accomplishments
- Significantly increased membership for South Florida Chapter through innovative marketing and technology initiatives.

Teaching Assistant, Florida Atlantic University, Boca Raton, FL   **May 2005 – December 2006**

Education

Master of Science in Computer Science, Minor in Business
Florida Atlantic University, Boca Raton, FL

Bachelor of Science in Computer Science Engineering
Florida Atlantic University, Boca Raton, FL

Awards

5 Years Dedicated Service Award – WCS – 2013

Employee of the Month Award – WCS – 2008

Behind the Scenes Award – WCS – 2010

Team Player Award – WCS -- 2007