Shreya Vikramkumar Patel

Full Stack Developer

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SUMMARY

- Full-stack Developer with STRONG skills in a diverse technology stack, including C#, .NET Core, HTML, CSS, JavaScript, and Microsoft Azure. Proven expertise in building scalable applications, leveraging agile methodologies and cutting-edge tools. Experience includes contributing to the success of Los Angeles County ISD, First Republic Bank and Adons Softech with innovative solutions and efficient development practices.

TECHNICAL SKILLS

Programming Languages	Python, Java, C, C++, C#, CSS, JavaScript, HTML, J2EE
Methodology	SDLC, Waterfall, Agile, Scrum
Frameworks	Django, Flask, Pandas, React, Node.js, AngularJS, Apache Spark, Spring Boot
IDEs	NetBeans, IntelliJ IDEA, Jupyter Notebook, Pycharm
Web Services	RESTful, SOAP, Apache Tomcat, Jersey, JAX-RS
ML Libraries	Matplotlib, Numpy, Pandas, Scikit learn, Seaborn, TensorFlow, PyTorch, Statsmodels
Databases	MYSQL, PostgreSQL
Cloud Technologies	Google Cloud Platform
Testing tools	JMeter, Gatling, LoadRunner
Build /Other tools:	Maven, Gradle, VS Code, Android Studio, Microsoft Azure, TurboC, Code: Blocks, STS
Version Control/Tracking Tools	Git, GitHub, Bitbucket, Jira

EXPERIENCE

Los Angeles County ISD, CA | August 2023 – Current | Senior Software Developer

- Spearheading ongoing development of the online requisition system using ASP.NET Core MVC, actively contributing to the evolution of features, performance enhancements, and scalability improvements.
- Designed and implemented database stored procedures, optimizing data retrieval and manipulation processes, and enhancing overall system efficiency.
- Led the development of an approver workflow within the requisition system, streamlining approval processes and improving overall procurement efficiency.
- Successfully integrated punch-out to GHX, facilitating seamless communication with external systems, and ensuring data accuracy during transactions.
- Implemented a robust punch-in mechanism back into the requisition system, allowing for comprehensive tracking and synchronization of data between internal and external systems.
- Collaborated closely with cross-functional teams to ensure the alignment of new features with user requirements and departmental objectives.
- Provided ongoing technical support, addressing issues promptly and implementing continuous improvements.

First Republic Bank, CA | May 2022 – July 2023 | Full Stack Developer
- Developed a web-based banking application that allows customers to create accounts, manage transactions, and access various banking services securely.
- Utilized Django or Flask framework for the back-end development, ensuring robustness, scalability, and adherence to banking security standards.
- Integrated RESTful APIs for seamless communication with external payment gateways, third-party financial services, and regulatory systems to enable smooth transaction processing and compliance.
- Implemented machine learning algorithms using libraries like Pandas, NumPy, Scikit-learn, and TensorFlow to provide personalized financial recommendations, fraud detection, and risk assessment.
- Utilized MySQL or PostgreSQL databases to store customer information, account details, and transaction records securely, while ensuring optimal performance and data integrity.
- Leveraged cloud technologies like Google Cloud Platform (GCP) for scalable and reliable hosting, ensuring high availability and efficient resource management.
- Employed agile software development methodologies, such as Scrum, to ensure continuous delivery, iterative development, and close collaboration with stakeholders and end-users.
- Implemented comprehensive testing strategies using tools like JMeter, Gatling, or LoadRunner to validate system performance, security, and functionality under different scenarios.
- Utilized version control systems like Git, along with issue tracking tools like Jira, to ensure effective code management, collaboration, and tracking of project progress.

Adons Softech, India | Jan 2019 – Aug 2021 | Full Stack Developer
- Developed a web-based e-commerce platform for Adons Infotech that enables customers to browse products, make purchases, and manage their accounts.
- Utilized a modern tech stack, including Python, Django, JavaScript and PostgreSQL, to build a scalable and robust application with an intuitive user interface.
- Implemented features such as user authentication, product catalog management, shopping cart functionality, and secure payment processing.
- Integrated third-party APIs, such as payment gateways and shipping providers, to enhance the functionality and streamline the customer experience.
- Designed and implement a responsive front-end using HTML, CSS, and JavaScript frameworks like React to ensure a seamless user experience across different devices.
- Implemented a back-end system using Python to handle business logic, database interactions, and data storage.
- Incorporated search functionality and product recommendations using technologies like Elasticsearch or machine learning algorithms for personalized user experiences.
- Utilized version control tools like Git and collaboration platforms like GitHub for effective code management and team collaboration.
- Conducted thorough testing and debugging to ensure the reliability, security, and performance of the e-commerce platform.
- Deployed the application on cloud platforms like Google Cloud Platform (GCP) for scalability, reliability, and efficient management of resources.

EDUCATION

Master's in computer science - California State University, Los Angeles

Bachelor's in Computer Engineering - Gujarat Technological University