Dinesh Mood

💼 Full stack Developer

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SUMMARY

Results-driven Full Stack Developer with over 4+ years of professional experience in web and application development, specializing in **Python** and **Java**, adept at designing and implementing robust web applications with MVT/MVC architecture and frameworks such as **Django**, **Flask**, **React JS**, **JavaScript** and **Node.js**, Skilled in database management and optimization with **MySQL**, **PostgreSQL**, **MongoDB**, and **SQLite**, experienced in cloud technologies including **AWS**, **Docker**, and **Azure**, with a focus on building and optimizing automated data pipelines using AWS serverless architecture, proficient in Agile methodologies, Scrum stories, and sprints, and excelling in Python development under various Linux operating systems.

EXPERIENCE

Mckesson Corporation, McCalla, Alabama / **July 2023 - Current** / **Full Stack Developer**
- Utilized Node.js for server-side web application development, ensuring performance and scalability.
- Designed responsive UI components using JQuery, React JS, Bootstrap, and JavaScript for enhanced user interfaces.
- Implemented REST APIs with JavaScript and Node.js for seamless frontend-backend communication.
- Developed Single Page Applications with React.js, Redux, Express.js, Node.js, REST API, and MongoDB, optimizing performance and scalability.
- Conducted API testing using Postman and managed version control with GIT for efficient collaboration.
- Implemented authentication and authorization using Passport and JSON web tokens in Node.js apps.
- Utilized Mongoose to execute CRUD operations for efficient data retrieval and manipulation.
- Debugged applications using Chrome Inspector, Firebug, and other tools for smooth functionality.
- Integrated Node-Router, Redux architecture, ES6, Webpack, and Grunt to transform applications into SPAs.
- Performed unit testing of JavaScript apps with Jasmine, Jest, and Enzyme to ensure code reliability.

Jiva Infotech Inc, Hyderabad, India / **Jan 2019 - July 2022** / **Full Stack Developer**
- Developed user-friendly web apps with Django and Node.js for seamless frontend-backend integration.
- Designed responsive UIs with React JS and Redux, enhancing user experience across devices.
- Led migration of legacy frontend code to React JS, enhancing codebase efficiency and maintainability.
- Implemented RESTful APIs using Django REST Framework and Express.js to enable efficient frontend-backend communication, ensuring optimal system performance.
- Managed and optimized MySQL, PostgreSQL, and MongoDB databases for data integrity, scalability, and tailored storage solutions.
- Designed Object Relation Mapping (ORM) in Django to simply the retrieval of data to the correct model field.
- Utilized AWS and Docker for deploying and managing web applications, optimizing infrastructure for cost, scalability, and reliability.
- Performed code reviews, enforced best practices, and maintained coding standards to enhance code quality, maintainability, and scalability of software solutions.
- Automated build and deployment processes with Jenkins for efficient software updates to production environments.

TECHNICAL SKILLS & INTERESTS

Programming Languages: JavaScript, Python, Java
Web Technologies: React Js, Node Js, ES6, Redux, Javascript, AJAX, jQuery, HTML5, CSS3, Bootstrap
Database Management: MongoDB, DynamoDB, MySQL, PostgreSQL
Cloud Services: AWS (S3, Lambda, SES, EC2), Docker, Azure
Operating Systems: Windows, MAC, Linux
Version Control: Gitlab, Git, GitHub, Bitbucket
Tools: Magento 2, Visual Studio Code, MATLAB, Jira
Methodology: SDLC, Agile
IDE'S: Visual Studio Code, Jupyter Notebook, PyCharm
Frameworks: Django and Flask

EDUCATION

Master of Science in Computer Science / University of Alabama at Birmingham / Aug 2022 – Dec 2023
Bachelor of Technology in Computer Science / Indian Institute of Information Technology, Kottayam / Aug 2015 – April 2019

CERTIFICATIONS

AWS Certified Developer - Associate