MONIK PRIYATHAM KATLA

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Education

California State University, Long beach   **Jan 2023 - Dec 2024**

Master of Science in Computer Science   *4.0 / 4.0*

Coursework: Advances software Engineering, Programming Languages, Software Maintenance, Application development

Jawaharlal Nehru Technological University   **Jul 2017 - May 2021**

Bachelor of Technology in Computer Science and Engineering, India

Technical Skills

Software Development: Agile, Scrum methodologies, SDLC (Software Development Life Cycle**)**

Languages and Frameworks: Python, Java, JavaScript, C++, C#; Django, Scikit-learn, TensorFlow, Transformer, PyTorch, Machine Learning, NumPy, Pandas, Keras, React Native, Redux, Jest, RealmJs, spring MVC, spring, ReactJS, Angular, OOP (object-oriented Programming), Design Patterns, UI/UX.

Frontend: HTML, CSS, Node.js, React Native, Redux, Bootstrap, GraphQL

Backend Development: Go, RESTful APIs, Microservices, SQL, NoSQL, Mux, Gin libraries.

Databases: MySQL, Oracle PL/SQL, MongoDB, YugabyteDB

Others: AWS, Azure, Git, CI/CD (Harness, Rancher), Docker, Kubernetes, Sonar, Postman, Jira, Confluence, Photoshop, Linux, Unix, Android Studio, ETL/ELT, Agile, Scrum, JIRA, Bit Bucket, Microsoft Office, Matplotlib, PowerBI, MVC, Datadog, Dynatrace, REST API(Swagger).

Experience

Honeywell Internationals   **Sep 2021 - Dec 2022**

Mobile Application Developer | JavaScript, VS Code, Node.js, ReactJs, RealmJs, Docker, REST API   *Bangalore, Karnataka*

- Developed and maintained 20+ reusable UI components using React Native and Node.js, reducing development time by 30% and improving code efficiency by 25%.
- Wrote high-quality, well-documented code following Test-Driven Development (TDD) practices, enhancing code reliability, and reducing bugs.
- Contributed to code reviews, technical investigations, and team knowledge-sharing, improving overall development efficiency and code quality.
- Collaborated with Senior Engineers to build and deploy new features, optimizing application performance and reducing middleware response times by 15% with Redux-Saga.
- Partnered with UX teams to deliver accessible, engaging web experiences, achieving 100% cross-browser compatibility, and improving user engagement by 10%.
- Shipped production-level applications in React and Node.js, deploying them to AWS Cloud, improving scalability and reducing downtime by 40%.
- Increased **API call efficiency by 15%** and improved middleware performance with Redux-Saga, ensuring 99% API success rate.

Appstix Technologies Private Limited.   **Jul 2019 - Sep 2021**

Junior developer | YugabyteDB, GO, Microservices, REST API, ReactJS   *Bangalore, Karnataka*

- Deployed applications on AWS Cloud, leveraging EC2 and S3 to reduce operational costs by 15% and enhance scalability by 25%.
- Set up CI/CD pipelines in AWS, reducing release cycles by 40%, ensuring smooth production deployments.
- Reduced development time by 20% through effective utilization of templates and testing, lowering error occurrences by 25% with comprehensive testing, and increasing system reliability.
- Designed and tested HTTP REST APIs with **Web APIs** and Node.js, achieving a 99% success rate in **POSTMAN.**
- Developed **Go-based microservices** and RESTful APIs, increasing system performance by 30% and ensuring scalability across distributed environments.
- **Optimized system performance using** Datadog and Dynatrace**, resulting in a 20% reduction in response times.**

Projects

Automated Cover Letter and Resume Generator | *ReactJs, openAPI, Redux, MongoDB*   **Dec 2023 - Feb 2023**

- Developed a web application using React JS and ChatGPT API to create personalized cover letters and resumes by extracting user-provided LinkedIn profiles, data and leveraging ChatGPT's NLP capabilities.

Credit Card Fraud Prediction | *EDA, Python, Machine Learning, Data Warehouse*   **Mar 2023 - May 2023**

- Created a Credit Card Fraud Detection Model using EDA and ML models including SVM, Decision Tree, Random Forest. Developed a website in Flask and integrated the top-performing model, Random Forest into a website.