Mohamed Sharukh Shaji

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EDUCATION

Master of Science, Information Technology (4.00 GPA)   **August 2022 - December 2023**
   University of Cincinnati, Cincinnati, Ohio, United States
Bachelor of Engineering, Electronics, and Communication (3.4 GPA)   **August 2015 - April 2019**
   Anna University, Chennai, Tamil Nadu, India

SKILLS

Programming Languages: Javascript (ES6), Java, Python
Web Technologies: HTML5, CSS, Bootstrap, Jquery, ReactJS, NodeJS
Database: MySQL, NoSQL
Tools: Visual Studio code, Git, Jira, Postman
Cloud: Microsoft Azure, AWS, Docker, Kubernetes
Skills: Frontend, Agile methodologies, Backend, Scrum, Unit testing

PROFESSIONAL EXPERIENCE

Nuubi Inc, Miami, United States   **September 2023 - December 2023**
   Full stack developer Intern
- As part of the team working on the Post & Live Chat feature, I played a crucial role in its development. My tech stack included React, Node, Express, PostgreSQL, Socket.io, and React Native, among others. This project allowed me to leverage these technologies to create a modern and seamless cross-platform messaging experience for Nuubi users.
- Designed and developed REST APIs to serve as a flexible and efficient data retrieval system, and reduced the API latency by 70% from 10 to 3 seconds which enhanced the overall application performance and responsiveness.
- Designed and implemented database architecture for the application using PostgreSQL and Active Record.
- Ensured the security and data privacy of user interactions in the Live Chat feature by implementing encryption, and access controls, and conducting thorough debugging and troubleshooting to identify and resolve issues promptly.

Infosys, Bangalore, India   **July 2021 - August 2022**
   Software Engineer
- Created reusable and interactive React JS components, fostering a modular and maintainable front-end architecture, resulting in a cohesive customer-facing user interface and smooth user interactions.
- Utilized Redux for efficient state management, React-Router, Typescript, MongoDB, Webpack, Babel, Cypress for E2E automated testing, and Azure DevOps for collaboration.
- Optimized code design and software engineering practices, saving up to 1 hour daily by accelerating front-end compile time by 20%.
- Implemented modern methods such as machine learning and artificial intelligence to enhance algorithm performance and efficiency for app development.
- Collaborated with the testing team, scrum master, and business analysts to identify and resolve issues, utilizing Jira for tracking and maintaining the history of bugs demonstrating commitment to comprehensive documentation.

Cognizant Technology Solutions, Pune, India   **November 2019 - February 2021**
   Software Engineer
- Transformed legacy systems by migrating to React web applications, leveraging enterprise-grade software coding practices, and applying system design principles.
- Enhanced application performance by developing RESTful APIs in Java utilizing Spring Framework, handling data on Azure SQL Server, and catering to scalable and distributed regions, leading to an 80% boost in user satisfaction.
- Engaged in the complete software development life cycle (SDLC) and embraced agile and scrum methodologies, demonstrating leadership and strong object-oriented design skills.
- Integrated various testing frameworks into CI/CD pipelines, including unit tests, integration tests, and end-to-end tests, enabling comprehensive code verification and early detection of issues.

ACADEMIC PROJECTS

College Enquiry Chabot   **October 2022 – November 2022**
- Developed a cloud-based chatbot for college inquiries utilizing Google Dialogflow a SaaS product of Google Cloud, enabling real-time responses to student queries on school information and course-related matters.

PinCast - API-based Weather Application   **January 2017 – April 2017**
- Built a real-time weather app based on Google Maps and Weather API using Node.js, JSON, REST API, and JavaScript.

CERTIFICATIONS

- **AZ-900:** Microsoft Azure Fundamentals certification
- **Web Development Bootcamp:** 55-hour immersive full-stack web development course completion on Udemy