Mohamed Sharukh Shaji

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EDUCATION

Master of Science, Information Technology (4.00 GPA)   **Dec'23**
  University of Cincinnati, Cincinnati, Ohio, United States

Bachelor of Engineering, Electronics, and Communication   **Apr'19**
  Anna University, Chennai, Tamil Nadu, India

SKILLS

Programming Languages: Java, Python, Javascript (ES6)
Web Technologies: ReactJS, AngularJS, NodeJS, ExpressJS, JQuery
Database: MySQL, SQL Server, PostgreSQL, MongoDB
Cloud: Microsoft Azure, AWS, Docker, Kubernetes
Software Tools: Postman, Git, Jira, Visual Studio Code

EXPERIENCE

Full stack developer Intern   **Sept'23 - Dec'23**
  Nuubi Inc, Miami, United States
  - Developed a Full-stack e-learning application for students using React, Node, Express, and React Native.
  - Reduced API latency by 70% (from 10 to 3 seconds) via REST APIs employing microservices architecture, improving application performance.
  - Architected a real-time messaging system, elevating user engagement by 60% through the utilization of Socket.IO.
  - Achieved a 40ms reduction in PostgreSQL database query execution time by optimizing the database architecture.
  - Strengthened security measures and mitigated potential vulnerabilities by 50% through rigorous debugging and implementing end-to-end encryption and access controls.

Software Engineer   **July'21 - Aug'22**
  Infosys, Bangalore, India
  - Built reusable React JS components, cutting development time by 50% and enhancing UI maintainability.
  - Implemented Redux for state management, leading to a 75% decrease in load times and an increase in system responsiveness.
  - Minimized front-end compile time by 20% by following clean code design and software practices.
  - Enhanced issue resolution efficiency from 5 to 2 days through collaborative efforts with testing, scrum, and business analysis teams.

Software Engineer   **Nov'19 - Feb'21**
  Cognizant, Pune, India
  - Upgraded legacy systems to React web apps, resulting in elevated efficiency and a $1M revenue increase for the client.
  - Improved user satisfaction by 2x points through Java-based RESTful APIs with Spring Framework and Azure SQL Server data management, facilitating scalability across distributed regions.
  - Decreased project delivery time by 150% and cut costs by $300K through the implementation of agile and scrum methodologies.
  - Automated daily build deployments, resulting in a reduction of process time from 3-4 hours per build to 40-50 minutes by using Jenkins CI/CD.

PROJECTS

College Enquiry Chabot
  - Designed a cloud-based chatbot for college inquiries leveraging 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
  - Engineered a real-time weather app based on Google Maps and Weather API using Angular, Node.js, JSON, REST API, HTML, CSS, and JavaScript.

TodoWoo
  - Coded a To-do List App using Django, BootStrap4, Django Forms, and SQLite3. Ensured user privacy and secure authentication. Enabled task creation, completion, prioritization, and deletion.

CERTIFICATIONS

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