MOHAMED AAKIBALI A M

Senior Software Engineer

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Driven by a desire to impact lives through technology, result-oriented Senior Software Engineer skilled in designing and optimizing scalable applications. Excels in full-stack development, integration, and technical documentation. Passionate about innovation and contributing to impactful solutions in dynamic environments.

EXPERIENCE

Senior Software Engineer
Gavs Technology

📅 April 2022 – Present   📍 Chennai

- Developed new features and resolved bugs for a scalable EMS healthcare product, achieving a **600+** user base across the US using Fullstack development practices.
- Improved API performance by **40%** through migrating WCF services to **RESTful APIs**, leveraging microservice architecture.
- Implemented **OKTA** for authentication, providing secure, centralized access management across various sites and applications.
- Conducted peer code reviews, providing constructive feedback to maintain high-quality code standards and improve team collaboration.
- Implemented TDD with unit and integration tests, enhancing code reliability, test coverage, and reducing bugs, while documenting **40+ bugs** to improve product quality.
- Collaborated cross-functionally with QA and Product Owners, ensuring timely delivery and adhering to **Agile methodologies**.

Skills : C#, React JS, , .NET CORE, RESTful APIs

Software Engineer Intern
HTIC IIT Madras

📅 July 2021 – March 2022(9 Months) 📍 Chennai

- Contributed to a spine surgery robot product in the medical domain.
- Developed **Java**-based middleware to enhance surgical precision by seamlessly connecting the UR Robot and Surgical Planning Software.
- Achieved a **30%** improvement in project efficiency through task prioritization, data handling, and watchdog monitoring.
- Enabled seamless data communication by implementing JSON format transmission through TCP/IP protocol with the software.
- Produced **technical documentation** to support ongoing project improvements and ensure continuity for future development.

Skills : Java, Linux, Git, Doxygen

ACHIEVEMENTS

Promotion to Senior Software Engineer
Promoted within 2 years for exceeding performance targets and delivering quality solutions.

📅 June 2024   📍 Chennai

- Recognized as a high-performing candidate for consistently delivering quality solutions and meeting challenging targets.

Top 5 Finalist around the world (Team Aroki || IITM)
Kuka Innovation Award 2022

📅 January 2022   📍 Germany

- Proposed interactive methods to personalize and enhance healthcare solutions for rural areas.

SKILLS

Programming Language & Framework

- C#
- .NET CORE
- React JS
- ASP.NET
- MVC
- HTML & CSS
- JavaScript
- SQL
- Jest
- Java
- Python

Database & API Technologies

- Oracle DB
- RESTful APIs
- Entity Framework

Development Tools & Practices

- Agile Methodology
- OOPs
- Data Structure & Algorithm
- Product Development
- SOLID Principles

Tools & Platforms

- AWS
- Jira
- Bitbucket(Git)
- TeamCity(CI\CD Pipelines)

Soft Skills

- Adaptability
- Teamwork
- Leadership
- Problem Solving

EDUCATION

B.TECH Information Technology
Bannari Amman Institute of Technology

📅 August 2017 – May 2021   CGPA : 8.32

Class XII
P.A.Vidya Bhavan Higher Secondary School

📅 June 2017   Grade : 86.6%

CERTIFICATIONS

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)

ChatGPT Prompt Engineering for Developers
DeepLearning.AI

Gen AI for Everyone
Coursera