

ASHOK KUMAR R B

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WORK EXPERIENCE

Bosch Global Software Technology | Software Engineer (Full Stack)

Jan 2022 – Present

Tech Stack : Angular, .Net WebApi,MsSql, Azure, Azure Devops

- **Boosted performance by 40%**: Spearheaded **Angular version upgrades**, implementing **lazy loading** and performance optimizations, reducing initial load time and enhancing user experience and **loading critical scripts from 300ms to 4ms** is achieved.
- **Accelerated UI development**: Single-handedly developed and deployed responsive UI components using Angular Material and Bootstrap, ensuring a seamless user experience across all devices.
- Designed and implemented a user activity tracking system to monitor application usage efficiency, leveraging event-driven logging and analytics. This enabled product owners to gain actionable insights into user engagement, leading to data-driven decision-making and **contributing to a \$50K increase in revenue**.
- **SQL database optimizations techniques**, including indexed queries, stored procedures, and triggers, reducing query execution time by 20%
- Implemented **OAuth 2.0 and JWT authentication to secure API communications**, ensuring encrypted data exchange, robust access control, and protection against unauthorized access.
- Automated **CI/CD pipelines** using Azure DevOps, streamlining deployment workflows and reducing manual intervention.
- Worked in an **Agile/Scrum environment**, collaborating with cross-functional teams to **deliver high-quality software solutions within deadlines**.

IamNeo (Examly) | Junior FullStack Engineer Intern

Mar 2021 – Nov 2021

Tech Stack : Angular, Node.js, Hapi.js, MySQL, Google Cloud

- Contributed to the development of a full-stack online exam platform, implementing features like live proctoring and automated management. Utilized Angular for the frontend, Node.js for APIs, and optimized MySQL with Google Cloud integration.

PROJECTS

ELPC-BOSCH

Tech Stack : Angular, .Net WebApi,MsSql, Azure, Azure Devops.

- Developed a global audit and task management application using Angular, .NET, and Azure, supporting **50,000+ users across 180+ Bosch production plants** with real-time tracking, and auditing.

SUZUKI-DA3

Tech Stack : Angular, .Net WebApi, Azure Tables.

- Developed an Angular 16 frontend for Suzuki's software download system, integrating .NET backend and Azure Tables for secure data management, enabling seamless and efficient Infotainment updates for Suzuki vehicles.

TECHNICAL SKILLS

Programming Language: C++, C#, Python.

Web Technology Full Stack: Angular, TypeScript, Node.js, JavaScript, .NET, C#,MsSQL,DBMS,Stored Procedures, Azure , Azure Devops.

Compter Science Fundamentals : Strong knowledge in object-oriented design, data structures, algorithm design ,problem solving. and complex analysis

Certifications: Microsoft Certified: AZ-204,AZ-900,DP-900,PL-900.

EDUCATION

B.Tech, Information Technology

2017 - 2021

BannariAmman Institute Of Technology

8.3 CGPA