



Alshoja M Ikbal

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ABOUT ME

Seasoned software developer with 6+ years of experience in creating robust and scalable solutions. Proficient in full-stack development, specializing in JavaScript frameworks like Angular and Node.js. Proven expertise in database management, API development, and deployment using modern DevOps practices. Committed to delivering high-quality code and fostering collaborative team environments. Continuous learner staying abreast of the latest technologies.

WORK EXPERIENCE

Senior Software Engineer

Focaloid Technologies Private Limited [01/11/2019 – Current]

City: Kochi

Country: India

Front-End Development:

- Design and implement dynamic and responsive user interfaces using Angular, Vue, and Nuxt.js.
- Utilize Angular Material and Bootstrap for consistent and visually appealing UI components.
- Implement server-side rendering in applications using Nuxt.js for improved performance and SEO.

Back-End Development:

- Develop server-side logic using Node.js, Nest.js, Express.js, and Koa.

Database Management:

- Design and optimize databases using PostgreSQL, MySQL, and MongoDB.
- Implement database queries, indexing, and relationships, leveraging TypeORM for SQL databases and Mongoose for MongoDB.

API Development and Integration:

- Develop APIs using RESTful principles and GraphQL to facilitate data exchange between the front and back end.
- Utilize tools like Hasura for simplifying API development and integration tasks.

State Management:

- Implement state management in front-end applications using tools like NgRx for Angular and Vuex for Vue.

Authentication and Authorization:

- Implement secure authentication and authorization mechanisms for user access control.
- Utilize JWT (JSON Web Tokens) or OAuth for secure authentication.

Scalability and Performance Optimization:

- Optimize application performance by implementing best practices in code, database design, and server configuration.
- Ensure scalability to handle growing user loads.

Version Control and Collaboration

- Use Git and Bitbucket for version control and collaborate effectively with a development team.
- Manage code repositories, resolve conflicts, and maintain a stable codebase.

Deployment and DevOps:

- Set up automated deployment pipelines for continuous integration and deployment.
- Utilize containerization with Docker for consistent deployment across different environments.
- Configure and manage NGINX and Apache servers for efficient application hosting.

AWS Services Integration:

- Use AWS services like EC2 for virtual servers,
- Elastic Beanstalk for app deployment, Lambda for serverless computing,
- Route 53 for domain management, and S3 for object storage.

CI/CD (Continuous Integration/Continuous Deployment):

- Set up and manage CI/CD pipelines for automated testing and deployment.
- Utilize tools like GitHub Actions for seamless integration.

Testing Frameworks:

- Implement unit testing using Jest and Karma to ensure the reliability of individual components.
- Conduct end-to-end testing using Cypress for comprehensive testing of the entire application.

Code Review:

- Conduct and participate in regular code reviews to ensure code quality, adherence to coding standards, and knowledge sharing within the team

Team Management:

- Provide mentorship and guidance to junior developers.
- Collaborate with team members to allocate tasks, set goals, and ensure project timelines are met.

B2B and B2C Collaboration:

- Implement features and functionalities that support business-to-business (B2B) and business-to-consumer (B2C) collaboration and interactions.

Software Engineer

Zenith Infotech Pvt Ltd [01/07/2018 – 01/09/2019]

City: Ernakulam

Country: India

Front-End Development with Angular:

- Design and implement user interfaces using Angular 6+ (Typescript) for dynamic and responsive web applications.
- Collaborate with UX/UI designers to ensure a seamless and visually appealing user experience.
- Utilize Material components and Bootstrap styling for consistent and visually appealing UI elements.

Back-End Development with Laravel:

- Develop robust server-side logic using Laravel PHP framework.
- Implement RESTful APIs and integrate with front-end components for efficient data exchange.

API Development:

- Design, develop, and maintain APIs for seamless communication between different components of the application.
- Ensure API security, documentation, and versioning for a smooth integration process.

Database Management with MySQL:

- Design and optimize MySQL databases to support application data requirements.
- Implement database queries, indexing, and relationships for efficient data retrieval.

AWS Services Integration:

- Utilize Amazon Web Services (AWS) for hosting, scaling, and managing application infrastructure.
- Implement AWS services such as EC2, S3, and RDS based on project requirements.

Netlify Integration:

- Integrate with Netlify for streamlined hosting, continuous deployment, and serverless functions for front-end applications.

Scalability and Performance Optimization:

- Optimize application performance by implementing best practices in code, database design, and server configuration.
- Ensure scalability to handle growing user loads by leveraging cloud resources effectively.

Version Control and Collaboration:

- Use Git for version control and collaborate with a development team effectively.
- Manage code repositories, resolve conflicts, and maintain a stable codebase.

Collaboration with Cross-Functional Teams:

- Work closely with designers, front-end developers, and other stakeholders to deliver cohesive solutions.
- Participate in Agile or other development methodologies as needed.

Documentation:

- Document code, APIs, infrastructure configurations, and deployment processes.
- Provide clear and comprehensive documentation for fellow developers and future reference.

Junior Software Engineer

Amaze Logics Pvt Ltd [01/02/2017 – 01/07/2018]

City: Thodupuzha

Country: India

Web Development:

- Design, develop, and maintain web applications using Core PHP, HTML, and JavaScript.
- Ensure responsive design for optimal user experience
- Create and maintain front-end components using Codeignitor framework with HTML, CSS, and JavaScript

Database Management:

- Design and optimize MySQL databases.
- Implement queries and stored procedures.

Hosting and Deployment:

- Manage hosting environments, configure servers, and handle deployment.

Collaboration:

- Collaborate with cross-functional teams for project delivery.

Documentation:

- Document code, processes, and configurations.

EDUCATION AND TRAINING**Bachelor of Technology in Computer Science**

Mahatma Gandhi University [01/08/2012 – 01/08/2016]

City: Kottayam

Country: India

Website: <https://www.mgu.ac.in>

Higher Secondary

MES Higher Secondary School [01/04/2010 – 01/03/2012]

City: Kumily

Country: India

Secondary School

Seventh-day Adventist [01/03/2010]

City: Nedumkandam

Country: India

LANGUAGE SKILLS

Mother tongue(s): **Malayalam**

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Linux (Server) / Microsoft Windows Server All Versions / Microsoft Office