

Afroz Alam

React JS | Node JS | MERN | Full Stack Developer

afrozalam8425@gmail.com  +919680704264  afrozalam8425website [➤ Portfolio](#)

Senior Software Engineer with 4+ years of working experience in designing, developing, deploying, delivering an end-to-end solutions with **MicroServices** and **MicroFrontend** architecture on **AWS** and **Azure** cloud platforms in banking, eCommerce (B2B & B2C), FinTech, Social Media, HealthCare and Fitness domains.

TECHNICAL SKILLS

Frontend : React js, Next js, React Native, Preact.js, JavaScript, EcmaScript, TypeScript, Redux, Hooks, Context API, HTML, CSS, SCSS, JQuery, SASS, ANT Design, React AG Grid, React Material UI, Bootstrap, Materialize, Mustache, Handlebars.

Backend : Node.js, Express.js, Sail.js, MicroServices, REST API, GraphQL, WebSocket, HTTP Request, Caching, Mongoose, mBus, WebPack, Babel, NPM, CORS, MongoDB Atlas.

Databases : MongoDB, MySQL, AWS RDS, AWS DynamoDB, AWS S3 Bucket, Azure Blob Storage, Postgres, InfluxDB, SQL Server.

Cloud Services : AWS (EC2 Instances, Lambda Function, RDS, DynamoDB, S3 Bucket, ElastiCache, SQS, ELB, Route53, IAM, KMS, CloudWatch, Quicksight, Cloudfront, Cognito), Azure (Functions App, Blob Storage, Cache for Redis), Docker, Container, Kubernetes.

Design Patterns / Architecture : MVC, Clean Architecture, Creational, Structural, Behavioral, Module Design Patterns, Messaging Patterns, Control Flow Patterns, SAGA, CQRS, Microservices, Microfrontend, Hexagonal, SOLID principles.

Deployment : GIT, GitHub, Version Control, AWS CodeCommit, AWS CodeBuild, AWS CodeDeploy, DeployBot, Heroku, Render, Netlify.

Tools / OS : VSCode, IntelliJ, Postman, Lookers, Salesforce, SAP, ELK, Wavefront, Pagerduty, AWS CloudWatch, AWS Quicksight, JIRA, ServiceNow, Windows, Linux, MacOS.

WORK EXPERIENCE

Groupon / SDE II

Jan 2022 - Present

Tech Stack : React.js, Node.js & Express, AWS (EC2, Lambda, S3, SNS, SES, DynamoDB, ElastiCache), Azure (Function, Blob Storage, Cache for Redis), SCSS, ELK.

Achievements / Tasks :

- Designed and developed scalable web applications using the MERN stack and AWS/Azure cloud services on a multitude of projects.
- Worked on migration of old legacy apps including refactoring of some services to AWS Lambda and Azure Functions.

- Utilized AWS/Azure services such as EC2, SNS, SES, S3/Blob Storage, and DynamoDB to ensure scalable, secure, and highly available web applications.
- Used Azure distributed Redis Cache, AWS Elastic Caching for enhanced performance and reduced load on the database.
- Utilized React.js for the front-end with SCSS to create responsive UI, Node.js & Express to create Microservices following Orchestrator & SAGA architecture.

Cuelogic Technologies / Next JS Developer

Jun 2021 - Jan 2022

Tech Stack : Next.js, React Native, Redux, Node.js & Express, AWS (EC2, SNS, RDS), ELK.

Achievements / Tasks :

- Worked on the modernization of HealthCare and Fitness sectors using the MERN stack and AWS cloud services.
- Worked with the design team for mobile first approach/responsive design to ensure the technical feasibility of UI/UX design.
- Integrated with SNS to establish publish/subscriber model for getting real time updates.
- Utilized AWS RDS for efficient database management and real-time data retrieval.
- Deployed the platform on AWS EC2 instances, ensuring high availability and performance.

Tata Consultancy Services / React JS Developer

Jul 2019 - Jun 2021

Tech Stack : React.js, Next.js, Node.js & Express, AWS Cognito, Redux, MongoDB, Wavefront.

Achievements / Tasks :

- Designed, developed and refactored the warehousing application using the MERN stack and AWS cloud services.
- Created Node.js microservices using the latest Clean Architecture principles with Open API specifications.
- Integration with AWS Cognito using implicit flow for user authentication and SSO.
- Built new npm modules (private) in Node.js. Worked on React UI modules such as Customers, Shipping, Inventory etc.
- Created a multi-store Redux for each module, refactor from an old single store state management.

Techciti Technologies Pvt Ltd / Software Developer Intern

Jul 2018 - Aug 2018

Tech Stack : JavaScript, TypeScript, HTML, CSS, Bootstrap, MySQL, React.js, Redux.

Achievements / Tasks :

- Interacted with clients for requirements, discussed the feasibility of requirements, designing the layout of web pages, participating in the development, elaboration and construction phases.
- Designed and Developed the Front End Screens and validated the controls while inputting the required information.
- Implemented client-side and server-side validations done using TypeScript and Validation Controls.

ADDITIONAL PROJECTS

- Project-1: Contact Keeper, Prolink App / MERN Stack Developer** Jul 2018 - Jun 2019
Description : Built part of frontend module using react.js, react hooks, redux thunk, Context API, SCSS. Used express-validator library to define middleware and do validation of received data. Implemented JSONwebtoken for authentication and bcrypt for hashing password. Created schema to structure the document and models to perform the operations over database using mongoose library.
- Project-2: Weather App, Chat App / Node JS Developer** Jul 2017 - Jun 2018
Description : Integrated various third-party Weather APIs for gathering the weather data and enhanced user experience. Implemented server-side rendering using handlebars with Node.js & Express for improved SEO and page load times. Built a real-time messaging system using Socket.io/WebSockets. Deployed the application on Heroku / Render, ensuring high availability and performance.
- Project-3: GitHub User / React JS Developer** Jul 2016 - Jun 2017
Description : Developed a dynamic user interface using React.js, improving the overall user experience. Utilized third-party GitHub APIs for gathering the GitHub user data. Deployed the application on Netlify, ensuring high availability and performance.

CERTIFICATIONS / AWARDS

- On the Spot (Team) Award / TCS Feb 2021 - Present
- Best Team Award / TCS Jul 2020 - Present
- Agile way Working Foundation / TCS Jul 2019 - Present
- Introduction to Programming using Javascript Oct 2018 - Present
- Microsoft Technology Associate (MTA) certification
- Cross Platform Mobile App Development Apr 2018 - Present
- ATS Infotech Learning Solutions
- Certificate of Excellence in Aptitude / GAT Mar 2018 - Present

EDUCATION

- Bachelor of Engineering / Computer Science and Engineering Aug 2015 - Jun 2019
- Global Academy of Technology, Bangalore
 - First class with Distinction