Mavillapally Keerthi

Full Stack Developer – 4 years of experience

+917569063069 | mavikeerthi.ee@gmail.com | linkedin.com/in/mavillapallyKeerthi/

Profile Summary

Software Engineer with more than 3 years of experience as a Full stack developer. Experienced in Web Development, adept in contributing through all stages of web development. Good communication skills and a team player with a strong willingness to learn new technologies. Currently seeking opportunity to enhance my development skills and to become a part of an exciting and dynamic organization.

Technical Skills

- **JavaScript libraries**: Node JS, React JS, Express JS (framework), Typescript
- **Programming languages and Web Technologies**: JavaScript, HTML5, JSON, Java, OOP's Concepts
- **Database and Platforms**: No SQL (Mongo DB), My SQL, MS SQL
- **Testing Library**: Jest
- **Cognitive Automation**: Dialog Flow, Azure Luis
- **Cloud Services**:
  AWS – AWS IAM, EC2, Lamda, Amazon ElastiCache
  Azure – Azure App Service, App insights logger, Azure notification EventHub, Azure Blob storage
- **Tools and Integration**:
  ServiceNow – ServiceNow ITSM (Incident, Problem management), Integration (REST API)
  Twilio – API Integration (SMS, Voice, Chat)
  Genesys – client libraries that wraps the REST API calls
  Redis – In-memory data store, Caching
  Git – Code Management, version control

Professional Experience

TATA CONSULTACY SERVICES   Jul 2021 – present
- Worked with Agile methodologies and scrum.
- Application development with Node JS working with micro services, express framework and asynchronous event driven approach.
- Implemented JSON Web Tokens (JWT) to authenticate and authorize the users.
- Handled the application analytics by capturing and analysing the logs from Azure application insights, metrices and storing it in SQL DB using complex SQL queries.
- Worked on Notification management integrating Azure notification EventHub to handle application notifications and implemented a notification storage system using MongoDB collections and schemas.
- Worked on ServiceNow knowledge Articles, Incidents, Catalogs and scripting and developed Contextual voice agent with Twilio.
- Designed and developed a custom chat screen for live interaction between customers and agents using Genesys Cloud.
- Implemented Azure Blob Storage solutions for storing unstructured data like images & videos.
- Developed a script to store and fetch data from the AWS ElastiCache inside EC2 instance.

- Developed responsive web applications using HTML5, CSS3, and SASS to ensure cross-device compatibility (desktop, mobile).
- Using JavaScript implemented a custom accessibility flow for web applications, ensuring compliance with European accessibility guidelines (Web Accessibility Directive - WAD) and WCAG 2.1 standards.
- Wrote test cases using Jest and achieved an overall test coverage of 95%, significantly reducing the number of production bugs and improving application reliability.
- Managed and resolved Nexus vulnerabilities in the application's dependencies using Sonatype Nexus Repository Manager.
- Experience with triggering deployments Jenkins jobs and monitoring Jenkins logs for building and deploying code.
- Regularly used Git for version control tasks such as creating, managing, and merging branches for different features, bug fixes, and releases.
- Received formal recognition for the automation script, which was adopted to handle asset validation and management during refactoring repositories.

Projects

Portfolio Website - Link
- Created a personal portfolio project to showcase about me, technical skills using React library.
- Responsive web application using tailwind CSS library
- Used React Hooks for state management and handle side effects.

Education

RMK Engineering College   Jun 2017 - Jul 2021
Bachelor of Engineering   Chennai

Certificates

- Certified in Node JS through Udemy
- HTML5 by Coursera
- AWS Certified Cloud Practitioner
- Business English by Cambridge Assessment