Shaik Fareed

Full-Stack Developer

[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | Fareed.Shaik@trojans.dsu.edu | +1 6056719550 | United States (Open to relocate)

CAREER SUMMARY

Experienced software engineer with 5 years of development expertise in web-based apps utilizing React 18, Angular 17, Java 17, Spring boot, Nodejs 20, Express.js, Kafka, Docker, Microservices, AWS, Azure and SQL. Proficient in full-stack development and Agile methodologies. Demonstrated proficiency in delivering significant cost savings, increased sales and profits to the company.

PROFESSIONAL EXPERIENCE

Live Apps: [makeseasydev.com](#) , [React Webapp Link](#) , developed, deployed, and maintaining my own website on AWS Cloud.

AI Sweden (Gothenburg, Sweden) | **Automotive Industry** | **AI Research Assistant**   Jun 2024 – Aug 2024
- Worked for Volvo to detect Cyber-attacks on Car creating an LLM from scratch integrated with Game Theory & Federated Learning.
- Utilized Amazon S3 to store log files, Amazon DynamoDB to store meta data, AWS CloudFront for optimized content delivery performance.

Dakota State University (South Dakota, United States) | **Graduate Research Assistant**   Aug 2023 – May 2024
- Developed a MERN stack (MongoDB, Express.js, ReactJS, Node.js) web app with AWS CodePipeline and deployed it on AWS EC2 with 90% downtime reduction. Implemented monitoring using Amazon CloudWatch.
- Applied the BERT Topic and LDA Models to classify topics from 100's of documents, making it easier to identify main Context.

Berkadia (Hyderabad, India) | **Financial Operations** | **Software Engineer**   Sep 2022 – Jul 2023
- Designed a proof of concept to streamline data transfer from Excel sheets to the backend Spring boot API to MYSQL V8 database, decreasing customer data input time by 50% and enhanced data integrity. Recognized with the High-Fi award for innovation.
- Integrated Key cloak authentication using OAuth 2.0, OpenID Connect, and SAML 2.0 into a React app with an existing .NET backend to ensure secure access control.
- Led the end-to-end creation of a Single-page Web Application from its initial Stages to deploy Microservices architecture principles in Aws cloud services including ECR, Kibana logs, EKS, SQS, Route53, Elastic IP, and Aws Secrete Manager.

Legato Health Technologies (Hyderabad, India) | **Health Care** | **Software Engineer**   Aug 2020 – Sep 2022
- Experienced in React.js 18, React Query to cache Api and Spring boot backend to process one million insurance claims per day.
- Created a POC for transitioning the onsite processing claim system from mainframe to a modern web application React & Spring boot backend, enabling business analysts to independently update benefit plans, resulting in cost savings of thousands of dollars annually.
- Automated claim analysis using a Python script, generating daily reports and sending emails, reducing manual check times and saving costs. Recognized with a Raising Super Star award.
- Transitioned to a research team to contribute to the Medicare claim system by developing a web app for surcharges from customers, resulting in substantial surcharge amounts.

Omkara Vijayalakshmi Strips (Andhra Pradesh, India**) | E-Commerce | Front-End Engineer**   May 2019 – Nov 2019
- Collaborated with an Agile team to develop a user interface website using Angular 7, HTML5, CSS3, and JavaScript (ES6).
- Contributed to backend API development using Spring Boot and deployed the application to AWS, working with S3 buckets, subnets, API Gateway and EC2 instances.
- Part of small team to develop website, resulting in learning and creating huge impact in increasing more than 30% of sales and profits.

AREAS OF EXPERTISE

Frontend	Backend	Database	Devops / Services
React.js18, React Query, Redux, Angular 17, Vite, HTML5, CSS3, Bootstrap 5, Jest, jQuery, JavaScript(ES6), Ajax, Axios, Restful API, JSON, Zod Validation, Postman, Material UI, XML, GraphQL.	Nodejs 20, Express.js, Java17, Spring boot, Spring Core , Hibernate, JPA, C, Cobol, JCL, Python, Flask, TypeScript, SOLID, Design Patterns, Prisma, ORM Frameworks, MVC, Microservices.	MySQL, NoSQL, PostgreSQL, PL/SQL, Amazon DynamoDB, MongoDB.	Docker, Kubernetes, Kafka, RabbitMQ, SQS, SNS, Figma, AWS S3, EC2,ECS, Lambda, Git, NPM, Webpack, CI/CD, Azure, SDLC, Agile, Waterfall, Jenkins.

EDUCATION

Master of Science in Computer Information Systems	**Dakota State University**	4.00 CGPA	Aug 2023 – Dec 2024
Bachelor of Technology in **Computer Science Eng.**	**JNTU Kakinada, India**	3.12 CGPA	Jul 2016 – Sep 2020