AakarshitRaj

SystemEngineer|MERNStackDeveloper|FullStackDeveloper

Mob-+918981710034Email-aakarshitraj07@gmail.comLinkedin-https://www.linkedin.com/in/aakarshit-raj-0022a6237/

PROFILESUMMARY

Full Stack Developer with expertise in developing robust web applications, specializing in responsive front-end development with **React**. Proven experience in designing secure REST APIs and scalable backend services, adaptable to various technology stacks including a strong interest in **Java** and **Spring Boot microservices architecture**. Skilled in leveraging Docker, CI/CD pipelines, and cloud-based deployments (AWS). Passionate about delivering clean, production-grade code and user-focused solutions within Agile teams.

WORKEXPERIENCE

TataConsultancyServices(TCS)|SystemEngineer June2024-Present

FullStackDeveloper–MERNStack

■**Developed** and deployed enterprise full stack web applications, utilizing **React.js** for dynamic user interfaces and backend services for robust functionality.

■**Developed** responsive front-end modules using **React.js**/Redux, seamlessly integrating with RESTful APIs.

■**Implemented** secure and scalable APIs, incorporating authentication (JWT) and role-based access control, laying foundational experience in building **microservices** components.

■Managed the API lifecycle effectively with Amazon API Gateway, ensuring high availability and performance of backend services.

■**Deployed** applications across development, staging, and production environments leveraging CI/CD pipelines for efficient releases.

■Conducted thorough API testing and debugging using Postman, Chrome DevTools, and **React** Developer Tools to ensure application reliability.

■Collaborated effectively in Agile teams, actively participating in sprint planning, reviews, and pair programming to drive project success.

AutomationWork

■Automated recurring reporting tasks using Excel VBA Macros, reducing manual effort and turnaround time for data processing.

TECHNICALSKILLS

Languages: **Java**, C/C++, JavaScript (ES6+), SQL, HTML5, CSS3

Frontend: **React.js**, Redux, JavaScript (ES6+), HTML5, CSS3, TailwindCSS

Backend: Node.js, Express.js, REST APIs, Microservices Concepts, API Design, JWT Authentication

Databases: MongoDB Atlas, MySQL, SQL

Cloud&DevOps;: AWS (API Gateway, EC2 Basics), Docker, GitHub Actions, GitLab CI/CD

Testing&Debugging;: Postman, Chrome DevTools, **React** Developer Tools

VersionControl: Git, GitHub, GitLab

Practices: Agile/Scrum, Clean Code, Component-Based Architecture, **Microservices Architecture**

EDUCATION

KalingaInstituteofIndustrialTechnology Bhubaneswar,Odisha

BachelorofTechnologyinComputerScienceEngineering(CSE)CGPA-8.59 2020-2024

PROJECTS

1.RentAVehiclePlatform (MERN Stack)

■**Developed** a full stack vehicle rental system, featuring a **ReactJS** frontend and a robust backend utilizing Node.js/Express.

■**Implemented** secure API endpoints with JWT authentication and integrated MongoDB Atlas for data persistence, showcasing skills in building complete web applications.

2.E-CommerceStoreApp (**React.js**, Redux, Axios, Docker, MongoDB)

■**Built** a responsive online store with **React.js**/Redux for dynamic UI and integrated APIs via Axios for data management.

■**Implemented** containerization using Docker, running MongoDB in a containerized environment to facilitate seamless local development and production-like deployment.

■Ensured cross-browser compatibility and optimized front-end performance for an enhanced user experience.

ACHIEVEMENTSANDCERTIFICATIONS

■Solved more than 300+ problems of Data Structure and Algorithms (DSA) across Coding Platforms (Leetcode and GFG), demonstrating strong problem-solving skills.

■Appreciation Certificate – Group Representative (GR), Initial Learning Program By TCS. Awarded 2024

■Xcelerate Warrior Recognition by Tata Consultancy Services · Awarded 2025

■On the Spot (Team) Award by Tata Consultancy Services · Awarded 2025

■Best Team Award by Tata Consultancy Services · Awarded 2025

■Building RESTful APIs with Node.js and Express by LinkedIn (Certifies understanding of API design and implementation principles relevant to **microservices** architectures)

■MongoDB by Udemy

■**React** (Basic) Certificate by HackerRank

■AWS Academy Graduate – AWS Academy Introduction to Cloud (Semester 1) by Amazon Web Services (AWS)

■Problem Solving (Basic) by HackerRank

■Problem Solving (Intermediate) by HackerRank