Seraj Ahamad

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Full Stack Developer (MERN Stack) with 3 years of experience building scalable web applications using **JavaScript**, **TypeScript**, **Node.js**, **React.js**, and **Angular**. Proficient in **RESTful** and **GraphQL APIs**, **MongoDB**, **MySQL**, **PostgreSQL**, and **Redis**. Skilled in **microservices architecture**, **dependency injection**, and crafting **responsive UIs** with **Tailwind CSS** and **Redux**. Experienced in deploying **cloud-native solutions** using **10+ AWS services** (**Lambda**, **S3**, **DynamoDB**, etc.), **Docker**, **Terraform**, and **CI/CD pipelines**. Strong foundation in **OOP**, **data structures**, **algorithms**, and **software architecture**.

Skills

Programming Languages: • TypeScript • Node.js • javascript
Web Technologies: • React.js • Angular • Next.js • Nest.js • Express.js • axios • Redux • GraphQL
Databases: • MySQL • MongoDB • PostgreSQL • Redis • Kafka
Cloud Platforms: AWS 10+ AWS Services (• API Gateway • DynamoDB • Lambda • SNS • SQS • S3 • IOT)
Tools & Frameworks: • Git • Docker • Postman • AWS Javascript SDK • Terraform • VS Code • CI/CD
Other Skills: • OOP • DSA • Architectural Design • Dependency Injection • Microservices architecture

Experience

DECEMBER 2024 – PRESENT
Software Engineer At Gadgeon Smart Systems Inc | Kochi, India
Project: Gadgeon Middle East Website
- Built **scalable backend** with Node.js, TypeScript, and Dependency Injection (Inversify, nest.js).
- Designed **RESTful APIs** and integrated with React.js frontend, improving data flow efficiency by 30%.
- Deployed **serverless AWS solutions** (Lambda, SQS, SNS) using Terraform for infrastructure-as-code.
- Developed reusable UI components with **React.js Tailwind CSS**, ensuring cross-device responsiveness

JUNE 2022 – NOVEMBER 2024
Software Engineer At Gadgeon Smart Systems Inc | Kochi, India
Project: KORE Connected Health Telemetry Solutions
- Developed and maintained **robust backend systems** using **Node.js and TypeScript**.
- Created **secure REST APIs** with Node.js/TypeScript, achieving 99.9% uptime.
- Built **serverless applications** using **AWS services** (Lambda, API Gateway, DynamoDB, SNS, SQS).
- Optimized AWS serverless apps (Lambda, DynamoDB), reducing latency by 25% via **X-Ray debugging**.
- Resolved complex **authentication and certificate challenges** during KDP-CHTS integration.
- Designed middleware and implemented design patterns for a microservices architecture.
- Automated **API testing** using **Node.js, MySQL, Chai, jest and Axios**, enhanced test coverage.

Education

JULY 2018 – MAY 2022
B.Tech | Computer Science & Engineering | Cochin University of Science And Technology, Kochi Kerala

8.12 GPA

Achievements

- Received a Thank You card from Gadgeon Systems Inc. for work on the integration of KDP with CHTS and resolving communication certificate issues.
- Secured 76th rank in Ninja Hire 2.0 Junior (2nd & 3rd year)
- Completed 2.11+ years at Gadgeon Smart Systems Inc.

Training & Workshops

- 11 Weeks Workshop on Data Structures and Algorithms - Course Completion Certificate from GeeksForGeeks
- Data Structures and Algorithms - Course Completion Certificate from Coding Ninjas
- GCP Student Facilitator Program- Qwiklabs

Languages

Hindi(Mother Tongue): Fluent in speaking, reading, writing
English(Second Language): Fluent in speaking, reading, writing

Activities

- Playing Volleyball, Cricket.
- Hobbies include reading, listening to poems and music, and watching cricket.