

Torfe Raaj Arokiyasamy

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PROFESSIONAL SUMMARY

Senior Full-Stack Developer with 2.5+ years of experience delivering scalable, secure, and high-performance web applications using Node.js, React.js, and AWS. Proven expertise in cloud architecture, data modeling, and automation — resulting in up to 30% faster system performance and reduced operational overhead. Adept at mentoring teams, optimizing backend processes, and translating complex business requirements into robust technical solutions.

TECHNICAL SKILLS

Languages

JavaScript (ES6+), Python, C

Frameworks

React.js, Node.js, hapi.js, Mongoose

Search Engine

Elasticsearch, Atlas Search

Tools & Platforms

Git, GitHub, Postman, Swagger, Visual Studio Code

Cloud & DevOps

AWS Services, Docker (basics), GitHub Actions

Database

MongoDB Atlas (NoSQL), AWS (RDS MySQL, DynamoDB, S3, Cognito)

WORK EXPERIENCE

Unifo Private Limited

Chennai, IN

Senior Developer

Apr 2024 - Present (1 yr 4 mos)

- Spearheaded optimization of AWS infrastructure and MongoDB design, improving API response time by 30%.
- Designed and shipped scalable full-stack features, reducing time-to-market by 25% for key modules.
- Led code reviews and enforced best practices across a team of 8+ developers.

Module Lead

Aug 2023 - Apr 2024 (9 mos)

- Mentored junior developers and drove adoption of clean architecture patterns.
- Re-architected data models to support 10x growth in data volume while maintaining performance.
- Designed serverless solutions with AWS Lambda and AWS Batch, reducing compute costs by 20%.

Software Development Engineer

Jun 2023 - Jul 2023 (2 mos)

- Built high-performance modules using Node.js and React.js, achieving 95% unit test coverage.
- Implemented Elasticsearch-based search, increasing query speed by 4x.

Project Intern

Nov 2022 - May 2023 (7 mos)

- Developed secure authentication workflows using AWS Cognito; handled role-based access for 800+ users.

PROJECTS

- Smart Job Automation & Digitization System** – Engineered a production-grade platform enabling job creation via email, Excel, and APIs using React.js, Node.js (Hapi.js), MongoDB, and AWS; implemented AI-driven document digitization using Python and Gemini fine-tuning.
- Secure Role-Based Access Control (RBAC)** – Designed and deployed a modular authentication system using Node.js, AWS Cognito, and DynamoDB, supporting granular role-based access with scalable identity management.
- Predictive Search & Classification Engine** – Integrated Elasticsearch and Atlas Search to enable high-speed, fuzzy, and semantic search on large datasets; optimized for HSN code and item prediction in business-critical flows.
- Custom Reports & Dashboard System** – Developed a flexible reporting engine with React.js, Node.js, and AWS Batch to generate scheduled or on-demand reports; supported Excel export with dynamic filters and user-defined formats. Reduced report generation time from several minutes to several seconds, and handled data scale of 1 million+ records with minimal performance degradation using streams.

EDUCATION

Kamaraj College Of Engineering And Technology, Anna University

Madurai, IN

Bachelor Of Engineering, Computer Science And Engineering

Cumulative GPA: 8.6

- Dean's List, Best Project Award Recipient (Brain Share).