

# 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	Frameworks	Search Engine
JavaScript (ES6+), Python, C	React.js, Node.js, hapi.js, Mongoose	Elasticsearch, Atlas Search
Tools & Platforms	Cloud & DevOps	Database
Git, GitHub, Postman, Swagger, Visual Studio Code	AWS Services, Docker (basics), GitHub Actions	MongoDB Atlas (NoSQL), AWS (RDS MySQL, DynamoDB, S3, Cognito)

## WORK EXPERIENCE

<b>Unifo Private Limited</b>	<b>Chennai, IN</b>
<i>Senior Developer</i>	Apr 2024 - Present (1 yr 4 mos)
<ul style="list-style-type: none"><li>Spearheaded optimization of AWS infrastructure and MongoDB design, improving API response time by 30%.</li><li>Designed and shipped scalable full-stack features, reducing time-to-market by 25% for key modules.</li><li>Led code reviews and enforced best practices across a team of 8+ developers.</li></ul>	
<i>Module Lead</i>	Aug 2023 - Apr 2024 (9 mos)
<ul style="list-style-type: none"><li>Mentored junior developers and drove adoption of clean architecture patterns.</li><li>Re-architected data models to support 10x growth in data volume while maintaining performance.</li><li>Designed serverless solutions with AWS Lambda and AWS Batch, reducing compute costs by 20%.</li></ul>	
<i>Software Development Engineer</i>	Jun 2023 - Jul 2023 (2 mos)
<ul style="list-style-type: none"><li>Built high-performance modules using Node.js and React.js, achieving 95% unit test coverage.</li><li>Implemented Elasticsearch-based search, increasing query speed by 4x.</li></ul>	
<i>Project Intern</i>	Nov 2022 - May 2023 (7 mos)
<ul style="list-style-type: none"><li>Developed secure authentication workflows using AWS Cognito; handled role-based access for 800+ users.</li></ul>	

## 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

<b>Kamaraj College Of Engineering And Technology, Anna University</b>	<b>Madurai, IN</b>
<i>Bachelor Of Engineering, Computer Science And Engineering</i>	Cumulative GPA: 8.6
<ul style="list-style-type: none"><li>Dean's List, Best Project Award Recipient (Brain Share).</li></ul>	