

Gunasekaraselvapandian

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Summary

Recent Computer Science graduate (2024) with hands-on full-stack MERN and Spring Boot experience. Passionate about building scalable backend systems using Java, Node.js, PostgreSQL/MongoDB, and AWS basics. Eager to contribute to cloud-native projects and grow in a fast-paced, team-oriented environment.

Technical Skills

Languages:	Java, JavaScript, SQL
Backend:	Node.js, Express.js, Spring Boot, REST APIs, JWT Auth
Frontend:	React.js, HTML5, CSS3
Databases:	MongoDB, PostgreSQL
Tools:	Git, GitHub, Postman, VS Code, Netlify, Render
Cloud & Infra:	AWS (EC2, S3 basics), Elasticsearch (basic)
Concepts:	OOP, Data Structures, API Design, JWT Auth, Version Control

Education

B.E. in Computer Science and Engineering

Jul 2020 – Mar 2024

Sathyabama Institute of Science and Technology, Chennai

Key Courses: Data Structures & Algorithms, Operating Systems, DBMS, Software Engineering

Projects

E-Commerce Bakery Web App (Delish Monde)

[GitHub Repo](#) — [Live Site](#)

- Full-stack MERN app with user authentication, product listings, and order placement features.
- Optimized MongoDB queries for faster product fetch, reducing latency by 15%.
- Deployed on Render + Netlify with responsive UI and secure backend routes.

Expense Tracker Web App (Trackeroo)

[GitHub Repo](#) — [Live Site](#)

- Built a Spring Boot + React app for expense tracking with transaction CRUD features.
- Added JWT-based authentication and PostgreSQL for secure, efficient data management.
- Deployed on Netlify (frontend) and Render (backend) with responsive UI.

Real-Time Chat App (ChatterBox)

[GitHub Repo](#) — [Live Site](#)

- Real-time messaging app using WebSockets, JWT auth, and MongoDB for chat history.
- Built scalable backend API with Express; reduced response time by optimizing routes.
- Explored Kafka basics during architecture design for possible pub-sub extension.

Portfolio Website

[GitHub Repo](#) — [Live Site](#)

- Created a personal site using React + Tailwind to showcase projects and skills.
- Integrated Framer Motion for clean animations and downloadable resume.

Certifications

- Introduction to Cloud Computing – Star Certifications

Soft Skills

- Excellent communicator – Gave live demos to 20+ peers during project expos.
- Problem-solver – Debugged and improved API response times in multiple projects.
- Team player – Collaborated in Agile-style 3-member teams with Git-based workflows.