

Raghul Kannan

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Software Engineer focused on Java, Spring Boot, Next.js and scalable backend systems. Experienced in building production-grade web applications, authentication systems, REST APIs, AI-powered platforms and real-time applications.

Training

Zoho Schools of Learning - *Graduate Studies*

Jan 2026 – Jun 2026

- ◆ Completed intensive training in Java, Spring Boot, Data Structures & Algorithms, Database Design, Operating Systems, Computer Networks and System Design.
- ◆ Designed and implemented backend systems using Java, Spring Boot, PostgreSQL, JWT Authentication, OAuth2 and Docker.

Projects

Thadam - AI-Powered Learning Platform : ([Link: roadmap.raghul.dev](https://roadmap.raghul.dev))

- Tech Stack: Java, Spring Boot, PostgreSQL, JWT, OAuth2, Next.js
- Developed a platform where users can generate, share, discover, fork and track learning roadmaps.
- Implemented public profiles, upvoting, task management, milestone tracking and progress tracking.

Waitless Online: ([Link: waitless.raghul.dev](https://waitless.raghul.dev))

- Tech Stack: Next.js, Express.js, MongoDB, JWT, OAuth, WebSockets
- Built a real-time queue management SaaS for clinics and salons with live queue tracking, token management, customer notifications and role-based dashboards.
- Implemented room-based WebSocket architecture for instant queue synchronization across customers and administrators.

Technical Skills

- ❖ **Languages:** Java, JavaScript, TypeScript, Python
- ❖ **Backend :** Spring Boot, Spring Security, Servlet, Express.js, REST APIs, WebSockets
- ❖ **Frontend :** React.js, Next.js, Tailwind CSS, HTML5, CSS3, WebRTC
- ❖ **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- ❖ **Security :** JWT, OAuth 2.0, Role-Based Access
- ❖ **Persistence :** JDBC, Hibernate, Spring Data JPA, Prisma ORM, Mongoose
- ❖ **DevOps :** Docker, Linux, Bash, Ansible
- ❖ **Tools :** Git, Github, Postman, SSH

Education

Bachelor of Computer Applications (BCA) — *University of Madras*
Rajeshwari Vedachalam Government Arts College, Chengalpattu

Aug 2022 – May 2025

Achievements

- Solved **350+** DSA problems across LeetCode and GeeksforGeeks using Java
- **MongoDB University** — MongoDB Node.js Developer Certification