BRAHAM KUMAR SAH

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Summary

2025 Computer Science Engineering graduate skilled in Java, Spring Boot, Spring Security, REST APIs, React.js, and MySQL. Developed and deployed full-stack applications with role-based authentication and database integration using Docker and AWS EC2. Founder and developer of VTU Circle, an educational platform serving 85K+ monthly active users. Seeking entry-level Java Backend or Full Stack Developer opportunities.

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, SQL
- **Backend Technologies:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, REST APIs
- **Frontend Technologies:** React.js, HTML5, CSS3, Tailwind CSS, Vite
- **Databases:** MySQL
- **Cloud & DevOps:** AWS EC2, Docker, Nginx, Cloudflare, CloudPanel, Git, GitHub
- **Developer Tools:** Maven, Postman, IntelliJ IDEA, Eclipse, VS Code

Projects

Job Portal Management System GitHub

Java, Spring Boot, Spring Security, React.js, MySQL, REST APIs, Tailwind CSS

- Developed a full-stack recruitment platform with separate Candidate and Recruiter roles using Spring Boot, React.js, and MySQL.
- Implemented session-based authentication and role-based access control using Spring Security.
- Built REST APIs for candidate profile management, job posting, job search, and application tracking.
- Enabled recruiters to manage job listings, review applicants, and shortlist or reject candidates through a responsive React interface.

Helpdesk Ticket Management System [Live Demo] GitHub

Java, Spring Boot, Spring Security, REST APIs, React.js, MySQL, Docker, AWS EC2, Nginx

- Developed and deployed a full-stack ticket management system using Java, Spring Boot, React.js, and MySQL with RESTful API integration.
- Implemented role-based access control (RBAC) and authentication using Spring Security for Admin, Agent, and User roles.
- Designed and developed REST APIs to manage ticket creation, agent assignment, status updates, resolution, and closure.
- Containerized the application using Docker and deployed it on AWS EC2 with Nginx and HTTPS for secure access.

Movie Discovery & Watchlist Application GitHub

React.js, JavaScript, HTML5, CSS3, REST API

- Developed a responsive movie discovery application using React.js, integrating a public REST API to dynamically retrieve and display movie information.
- Implemented movie search, filtering, and reusable React components using React Hooks for state management.

Experience

Founder & Website Developer | VTU Circle **2024 – Present**

- Founded and developed VTU Circle, a revenue-generating educational website using customized WordPress themes and plugins.
- Customized website functionality, integrated student-focused tools using AI-assisted development, and implemented a resource submission form.
- Managed deployment and hosting on Hostinger VPS, Cloudflare DNS and caching, website maintenance, and Google AdSense monetization.
- Implemented SEO practices and monitored performance using Google Analytics 4, recording approximately **85K monthly active users and 900K+ monthly pageviews**.

Education

M.S. Engineering College, Bengaluru, Karnataka — **B.E. Computer Science and Engineering**
December 2021 – May 2025 — CGPA: 7.45

National Examination Board — **12th Grade – Science**
Graduated: 2021 — 80%

Certifications

- Java – HackerRank — Feb 2025
- SQL – HackerRank — May 2024
- REST API – HackerRank — Sep 2026
- React – HackerRank — Sep 2026
- Problem Solving – HackerRank — July 2024