AYUSH GOUR

Java Backend Developer

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SUMMARY

Backend engineer with hands-on experience in developing mission-critical systems for defense research. Proficient in building scalable and high-performance REST APIs using Java, Spring Boot, and microservices architecture. Proven ability to improve system performance (20% faster API response) and implement secure authentication using OAuth2 and JWT. Familiar with frontend development using React.js, enabling effective collaboration on full-stack projects.

TECHNICAL SKILLS

Backend:	Java 8+, Spring Boot, Spring MVC, Spring Security, JPA, Hibernate
Frontend:	React.js, JavaScript, HTML5, CSS3
Databases:	SQL Server, MySQL, Redis (Caching)
Messaging:	Apache Kafka (Event-Driven)
DevOps:	Kubernetes, Docker, Jenkins CI/CD, AWS (EC2, S3, EKS)
Tools:	Git, Maven, Postman, JUnit, Mockito
Architectures:	Microservices, REST, OAuth2, JWT, Event Sourcing

PROFESSIONAL EXPERIENCE

Advantal Technologies   June 2024 – June 2025
Java Developer (1 Year) — DRDO (CAIR) Project

- Developed and maintained REST APIs using Java 8 and Spring Boot for secure system-to-system communication.
- Enhanced API response time by 20% by optimizing database queries and reducing payload.
- Automated internal reports with Spring MVC and SQL Server, reducing manual work by 50%.
- Implemented Spring Security with OAuth2 and JWT for authentication/authorization across microservices.
- Worked on microservice-based architecture integrated with ReactJS-based modules.
- Participated in Agile sprints, handled versioning with Git, and used Jenkins for CI/CD deployment.

PROJECTS

- **Recordify – Screen Recording Web App**   *Mar 2024*
  Developed a browser-based screen and audio recorder using native MediaRecorder API. Enabled users to download recordings locally. Lightweight and responsive design using vanilla JavaScript. *(HTML5, CSS3, JavaScript)*

- **AlgoViz – Algorithm Visualizer**   *Dec 2023*
  Created an interactive web tool to visually demonstrate searching and sorting algorithms like Bubble, Merge, and Binary Search with dynamic animations. *(ReactJS, JavaScript, HTML, CSS)*

- **News-Now – Real-time News App**   *Jul 2023*
  Built a responsive web app that fetches live news across categories using third-party APIs. Implemented infinite scrolling, filtering, and card-based UI design. *(ReactJS, REST APIs, HTML, CSS)*

EDUCATION

Chameli Devi Group of Institutions, B.Tech – Information Technology   2020–2024
CGPA: 8.20
Brilliant Academy Public School, Higher Secondary (XII)   2019–2020
Percentage: 66%
Brilliant Academy Public School, Secondary (X)   2017–2018
Percentage: 86%

CERTIFICATIONS

- AWS Cloud Practitioner — Amazon Web Services