

ANKIT RAJ

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Coding Profiles: LeetCode | Codeforces | CodeChef

Professional Summary

High-performance **Software Development Engineer** with strong expertise in **Java, Spring Boot, and Microservices**. Proven track record at **Blue Yonder** in optimizing API latency by **25%** and automating CI/CD pipelines. **LeetCode Knight** with deep knowledge of Data Structures and Algorithms. Seeking to leverage backend engineering skills to deliver scalable, fault-tolerant systems.

Education

NIT Silchar	B.Tech in CSE; CGPA: 8.37/10	Dec 2020 – July 2024
R.P.S. College (BSEB)	Class XII; Percentage: 81.6%	Apr 2017 – Mar 2019
S.S.M. School (CBSE)	Class X; CGPA: 10/10	July 2007 – June 2017

Experience

Blue Yonder (Software Development Engineer) July 2024 – Present
Project: Multi-Dimensional Analytics Platform (MDAP) Hyderabad, India

- **API Engineering:** Architected and developed scalable **RESTful APIs** using **Java** and **Spring Boot**, facilitating seamless data exposure for internal analytics dashboards serving **5000+** daily requests.
- **Performance Optimization:** Optimized business logic and request validation layers, reducing API response latency by **25%** and ensuring high availability for critical supply chain workflows.
- **Frontend Engineering:** Developed responsive UI components using **React.js** and **TypeScript**, creating intuitive Pivot Chart dashboards for visualizing complex supply chain analytics data.
- **Workflow Automation:** Integrated backend APIs with **Kafka** producers/consumers to automate Logical Model meta-data updates, streamlining the shard-based deployment process by **30%**.
- **Defect Resolution:** Enhanced code reliability by increasing **Unit Test** coverage (JUnit) and resolving **20+** critical production bugs using **JIRA** during standard **Agile** sprint cycles.
- **Tech Stack:** Java 21, Spring Boot, React.js, TypeScript, Kafka, Docker, Git, JIRA.

Blue Yonder (SDE Intern) Jan 2024 – June 2024
Project: MDAP Backend Integration Hyderabad, India

- **Backend Development:** Collaborated with senior engineers to develop enterprise-grade **Java** services, adhering to clean code principles and **OOP** best practices.
- **Configuration Management:** Managed complex **JSON/YAML** configurations for Logical Models, enabling dynamic metadata orchestration across distributed systems.
- **Testing & Quality:** Gained hands-on experience with **CI/CD** tools and improved system stability by writing comprehensive test cases, achieving **80%** code coverage.
- **Tech Stack:** Java, Spring Framework, REST APIs, JSON/YAML, JUnit, Git, Postman, IntelliJ IDEA.

Technical Projects

ShopHub - Full-Stack E-Commerce Platform Live Demo
Tech Stack: React.js, Redux, Node.js, Express, MongoDB, JWT

- **Scalable Architecture:** Developed a responsive MERN stack application featuring dynamic flash sales and product comparison, serving **100+** concurrent product queries.
- **Security Implementation:** Implemented robust security using **JWT** (JSON Web Tokens) and **bcrypt** for password hashing, ensuring secure Role-Based Access Control (RBAC).
- **Payment Integration:** Integrated **Razorpay Payment Gateway** to handle secure transactions and premium subscriptions, achieving a **100%** transaction success rate during testing.
- **Performance:** Leveraged **Redux Toolkit** for state management and **Cloudinary** for image optimization, improving page load speeds by **20%**.

Technical Skills

Languages	Java, C++, JavaScript (ES6+), SQL, Python, HTML/CSS
Backend & Cloud	Spring Boot, Microservices, REST APIs, Kafka, Node.js, Express.js, Maven, Gradle
Frontend	React.js, Redux, Next.js, Tailwind CSS, TypeScript
Databases	MySQL, PostgreSQL, MongoDB, Snowflake
Developer Tools	Git, GitHub, Docker, Postman, Eclipse, JIRA, IntelliJ IDEA, VS Code

Honors & Achievements

- **Competitive Programming:** Ranked **Expert** on Codeforces (Max Rating: 1855), **4-Star** on CodeChef (1832), and **Knight** on LeetCode (1937); solved **1700+** algorithmic problems.
- **Hackathon Winner:** Secured **1st Place** in "HackThisFall 2.0" (Open Source), building a solution for real-time data visualization (May 2022).
- **Open Source:** Actively contributing to competitive programming repositories and backend tools on GitHub.