

# 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; <b>CGPA: 8.37/10</b>	Dec 2020 – July 2024
R.P.S. College (BSEB)	Class XII; Percentage: <b>81.6%</b>	Apr 2017 – Mar 2019
S.S.M. School (CBSE)	Class X; <b>CGPA: 10/10</b>	July 2007 – June 2017

## Experience

<b>Blue Yonder</b> (Software Development Engineer)	July 2024 – Present
<i>Project: Multi-Dimensional Analytics Platform (MDAP)</i>	<i>Hyderabad, India</i>
• <b>API Engineering:</b> Architected and developed scalable <b>RESTful APIs</b> using <b>Java</b> and <b>Spring Boot</b> , facilitating seamless data exposure for internal analytics dashboards serving <b>5000+</b> daily requests.	
• <b>Performance Optimization:</b> Optimized business logic and request validation layers, reducing API response latency by <b>25%</b> and ensuring high availability for critical supply chain workflows.	
• <b>Frontend Engineering:</b> Developed responsive UI components using <b>React.js</b> and <b>TypeScript</b> , creating intuitive Pivot Chart dashboards for visualizing complex supply chain analytics data.	
• <b>Workflow Automation:</b> Integrated backend APIs with <b>Kafka</b> producers/consumers to automate Logical Model metadata updates, streamlining the shard-based deployment process by <b>30%</b> .	
• <b>Defect Resolution:</b> Enhanced code reliability by increasing <b>Unit Test</b> coverage (JUnit) and resolving <b>20+</b> critical production bugs using <b>JIRA</b> during standard <b>Agile</b> sprint cycles.	
• <b>Tech Stack:</b> Java 21, Spring Boot, React.js, TypeScript, Kafka, Docker, Git, JIRA.	
<b>Blue Yonder</b> (SDE Intern)	Jan 2024 – June 2024
<i>Project: MDAP Backend Integration</i>	<i>Hyderabad, India</i>
• <b>Backend Development:</b> Collaborated with senior engineers to develop enterprise-grade <b>Java</b> services, adhering to clean code principles and <b>OOP</b> best practices.	
• <b>Configuration Management:</b> Managed complex <b>JSON/YAML</b> configurations for Logical Models, enabling dynamic metadata orchestration across distributed systems.	
• <b>Testing &amp; Quality:</b> Gained hands-on experience with <b>CI/CD</b> tools and improved system stability by writing comprehensive test cases, achieving <b>80%</b> code coverage.	
• <b>Tech Stack:</b> Java, Spring Framework, REST APIs, JSON/YAML, JUnit, Git, Postman, IntelliJ IDEA.	

## Technical Projects

<b>ShopHub - Full-Stack E-Commerce Platform</b>	Live Demo
<i>Tech Stack: React.js, Redux, Node.js, Express, MongoDB, JWT</i>	
• <b>Scalable Architecture:</b> Developed a responsive MERN stack application featuring dynamic flash sales and product comparison, serving <b>100+</b> concurrent product queries.	
• <b>Security Implementation:</b> Implemented robust security using <b>JWT</b> (JSON Web Tokens) and <b>bcrypt</b> for password hashing, ensuring secure Role-Based Access Control (RBAC).	
• <b>Payment Integration:</b> Integrated <b>Razorpay Payment Gateway</b> to handle secure transactions and premium subscriptions, achieving a <b>100%</b> transaction success rate during testing.	
• <b>Performance:</b> Leveraged <b>Redux Toolkit</b> for state management and <b>Cloudinary</b> for image optimization, improving page load speeds by <b>20%</b> .	

## Technical Skills

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

## Honors & Achievements

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