Kumar Aryan

+91 9534803015 • ✉ aryanb2039@gmail.com • Arax007

Portfolio Website • LeetCode

Summary

Java Developer specializing in **Spring Boot, Microservices, REST APIs, and scalable backend systems**. Skilled in full-stack development with **React.js, Node.js, and MySQL**. Experienced in **cloud (AWS)**, database optimization, and enterprise-grade software delivery. Strong in **Agile/Scrum, OOP, and DSA**. Secondary expertise in **Python (automation, data processing, ML/AI)**.

Experience

Ansh Soft Tech

Software Development Engineer   *Nov 2023 – Jun 2025*

- Designed and deployed **Java Spring Boot microservices** serving 10k+ users; improved scalability and reduced API response time by **30%**.
- Optimized **MySQL queries and database schema**, cutting query execution time by **40%** and improving system throughput.
- Integrated backend microservices with **React.js frontends**, enhancing customer engagement and reducing page load times by **20%**.
- Automated data validation workflows with **Python (Pandas, OpenPyXL)**, saving **10 hours/week** in manual effort.
- Partnered with cross-functional teams in 2-week Agile sprints to deliver production-ready features on schedule.

Ansh Soft Tech

Software Developer Intern   *Jun 2023 – Nov 2023*

- Implemented **Java-based REST APIs and Spring Boot services**, increasing backend stability and code maintainability by **25%**.
- Migrated and transformed **100k+ records** into optimized MySQL databases; improved data reliability and reduced downtime by **15%**.
- Developed internal automation tools, replacing Excel macros with Python scripts; boosted efficiency by **40%**.
- Contributed to **CI/CD workflows and AWS cloud deployments**, ensuring faster feature rollouts and smoother releases.

Projects

AraxKart (Full-Stack Marketplace): Developed a scalable **Java Spring Boot + MySQL backend** powering an online course marketplace. Implemented REST APIs, authentication, and payment flows. Optimized backend queries, reducing API latency by **25%**.
Tech: Java, Spring Boot, MySQL, HTML, CSS, JavaScript

AgroBuddy: Created an **AI-powered crop recommendation system** integrating **Java backend + Python ML models**. Enabled farmers to analyze soil/climate data for better decisions; improved prediction accuracy to **85%**.
Tech: Java, Python (Scikit-learn), MySQL, Bootstrap

Netflix Clone: Built a streaming platform with **React.js, Node.js, REST APIs**. Integrated TMDB API and optimized performance with lazy loading, reducing content load time by **30%**.
Tech: React.js, Node.js, REST APIs, HTML, CSS

Chat Application: Developed a real-time **Java chat system** with multi-threading and socket programming; supported concurrent messaging for 100+ users.
Tech: Java, Swing, Socket Programming

Education

BMS Institute of Technology & Management   **Bengaluru**
B.E. in Computer Science, CGPA: 6.2   *2020 – 2024*

Rajkiyakrit Sr. Secondary School   **Patna**
Senior Secondary, 72%   *2018 – 2020*

B.D. Public School   **Patna**
Secondary, 66.5%   *2015 – 2016*

Technical Skills

Programming: **Java (Spring Boot, OOP, DSA)**, JavaScript, Python, C
Backend Development: **Spring Boot, REST APIs, Microservices, Node.js**
Frontend Development: React.js, Redux, HTML, CSS, Bootstrap
Database & Cloud: MySQL, DBMS, AWS (deployments, cloud fundamentals)
Tools & Practices: Agile/Scrum, Git, CI/CD, UNIX Programming
AI/ML (Secondary): Python, Scikit-learn, OpenCV, Data Analysis, Jupyter

Certifications

Oracle Cloud Infrastructure 2025 Certified Data Science Professional — Badge Verification
Oracle Cloud Infrastructure 2025 Certified Generative AI Professional — Badge Verification
Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate — Badge Verification
Java Programming with Project — Infosys Springboard — Credential
Python Certification — SoloLearn
Learn and Master C Programming — Infosys Springboard
AWS Cloud Training — AWS — Credential

Highlights

Strong foundation in **Java, OOP, DSA, and Spring Boot microservices**.
Proven success in optimizing APIs, database queries, and backend performance with measurable impact.
Hands-on experience with **AWS cloud deployments** and CI/CD workflows.
Full-stack exposure with React.js and Node.js for enterprise systems.
Secondary expertise in Python automation, ML models, and data engineering.

Languages

English (Professional Proficiency)
Hindi (Native)