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Krishna Tyagi

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Leetcode: Krishna Tyagi

SUMMARY

Software Engineer with hands-on experience in scalable backend systems, RESTful APIs, and modern web apps. Skilled in Spring Boot, Java, Python, and cloud-based systems. Delivered solutions in logistics-tech, eCommerce, and blockchain. Passionate about clean architecture, automation, and performance.

PROFESSIONAL EXPERIENCE

Innobit Systems — Ghaziabad, India
Software Engineer — *Dec 2024 – Present*

- **Backend Development for B2B eCommerce**: Built a scalable eCommerce backend (Spring Boot, MySQL) enabling workflows for customers and manufacturers.
- **Shipping Tax Integration**: Integrated TaxJar, UPS, and TForce APIs for dynamic shipping rates and tax automation.
- **Logistics Optimization**: Implemented SKU-based packing logic and optimized routing based on carrier constraints.
- **Dashboarding**: Designed KPI dashboards using Apache Superset and SQL data pipelines.
- **Secure Architecture**: Developed secure microservices using JWT, OAuth2, and cookie-based authentication.

PlatUI — Ghaziabad, India
Software Engineering Intern — *Jan 2024 – Apr 2024*

- **Frontend Engineering**: Enhanced UI and performance of React frontend, resolving key bugs.
- **Prompt Automation**: Used OpenAI APIs and Python to generate Java code from Figma designs.
- **Low-Code Backend**: Contributed to backend automation tools in Python for low-code workflows.

PERSONAL PROJECTS

- **Aftermarket eCommerce Platform (Innobit Systems)**: Built a full-featured B2B service and parts ordering platform with advanced role-based access, booking engine, shipping carrier integration (UPS, TForce), and visual analytics dashboards using Apache Superset. Technologies: Spring Boot, MySQL, REST APIs, JWT Authentication.
- **Blockchain Certificate Platform**: Deployed tamper-proof certificate system with Solidity, IPFS, and Next.js frontend.
- **Stock Market Prediction**: Built an ML-based stock predictor with Python, Django, NumPy, and Matplotlib that fetches and visualizes real-time stock market prices along with predictive analytics.

EDUCATION

ABES Institute of Technology — Ghaziabad, UP, India
Bachelor of Technology in Computer Science (AI Specialization), GPA: 7.6/10 — *Oct 2021 – Jun 2025*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, C++, SQL
Web & Backend Development: Spring Boot, REST APIs, Next.js, React.js, HTML5, CSS3
Databases & Tools: MySQL, MongoDB, Git, Postman
Other Technologies: JWT, OAuth2, Keycloak, Microservices, MVC Architecture

CERTIFICATIONS & ACHIEVEMENTS

LeetCode Problem Solving: Solved 400+ algorithm problems, demonstrating strong grasp of Data Structures and Algorithms.
Full-Stack Development: Built and deployed multiple applications using React, Spring Boot, and MySQL.
Agile & Collaboration: Experienced in Git-based version control, Agile sprints, and collaborative team development.
Testing & CI/CD: Hands-on with unit testing frameworks (JUnit) and continuous integration workflows.