Yash Jaiswaal

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SUMMARY

Java Full Stack Developer with hands-on experience in building scalable web applications using Spring Boot, Angular, and RESTful APIs. Strong knowledge of Microservices architecture, JWT authentication, Agile development, and backend system design.

EXPERIENCE

Java Full Stack Developer
Bosch Global Software Technologies, Hyderabad   *Jan 2025 - Present*
- Built responsive UI components using Angular, RxJS, and Reactive Forms
- Developed secure Spring Boot REST APIs with JWT authentication and contributed to Agile development with unit testing and code reviews

Robotics Engineer / STEM Trainer
EGB4 Tech, Delhi   *Oct 2023 - Dec 2024*
- Conducted Python, AI, Arduino, and IoT workshops across multiple schools
- Trained and mentored 300+ students through ATL labs and innovation programs

Domain Support Specialist
Ericsson, Noida   *Mar 2023 - Sep 2023*
- Developed and tested REST APIs for internal service communication
- Collaborated with cross-functional teams to maintain system reliability

PROJECTS

- **LuxaOS LuxaMatrix** - Bosch Rexroth, Web-based Industrial Tightening Platform - Contributed to a next-generation tightening platform built on ctrlX Automation, delivering a unified web-based GUI for stationary and handheld nutrunners across the Bosch portfolio
- **ProgQuiz** - Spring Boot, MySQL - Designed a backend quiz system with question management and scoring APIs, achieving high accuracy through unit-tested evaluation logic and peer usage
- **Inventory Management Microservice** - Spring Boot, MongoDB, Angular, JWT - Built a JWT-authenticated microservice with search filters and audit logging for small-scale inventory handling
- **AI-Based Optical Guidance for Visually Impaired** - Python, OpenCV, Raspberry Pi - Developed an AI-powered wearable solution for indoor navigation and demonstrated it through multiple successful live sessions

EDUCATION

GL Bajaj Institute of Technology and Management   Greater Noida, India
B.Tech in Electronics & Communication Engineering - GPA: 7.3/10   *2019 - 2023*

SKILLS

Languages: Java, Python, JavaScript, HTML, CSS
Frameworks: Spring Boot, Angular, Tailwind CSS
Tools: Git, GitHub, Postman, JWT, VS Code
Concepts: Microservices, REST APIs, JWT Security, Agile

ACHIEVEMENTS

- Solved 700+ coding problems on LeetCode, CodeChef, and HackerRank
- University-level Chess Tournament Winner (2 times)
- Participated in national coding contests (CodeChef, GFG)

LEADERSHIP AND ACTIVITIES

- College Cricket Team Captain
- **Photographer & Editor** - Anvitha Society Club
- **Community STEM Mentor**