

# 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

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|---|----------------------------|
| <b>Bosch Global Software Technologies</b>   | Hyderabad                  |
| • <i>Java Full Stack Developer</i>  | <i>Jan 2025 – Present</i>  |
| – 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. |                            |
| <b>EGB4 Tech</b>  | Delhi                      |
| • <i>Robotics Engineer / STEM Trainer</i>   | <i>Oct 2023 – Dec 2024</i> |
| – Conducted Python, AI, Arduino, and IoT workshops across multiple schools.   |                            |
| – Trained and mentored 300+ students through ATL labs and innovation programs.  |                            |
| <b>Ericsson</b>   | Noida                      |
| • <i>Domain Support Specialist</i>  | <i>Mar 2023 – Sep 2023</i> |
| – Developed and tested REST APIs for internal service communication.  |                            |
| – Collaborated with cross-functional teams to maintain system reliability.  |                            |

## Projects

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|---|---------------|
| <b>LuxaOS LuxaMatrix</b>  | Bosch Rexroth |
| • <i>Web-based Industrial Tightening Platform</i>   |               |
| – 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. |               |
| <b>ProgQuiz</b>   |               |
| • <i>Spring Boot, MySQL</i>   |               |
| – Designed a backend quiz system with question management and scoring APIs, achieving high accuracy through unit-tested evaluation logic and peer usage.                                |               |
| <b>Inventory Management Microservice</b>  |               |
| • <i>Spring Boot, MongoDB, Angular, JWT</i>   |               |
| – Built a JWT-authenticated microservice with search filters and audit logging for small-scale inventory handling.  |               |
| <b>AI-Based Optical Guidance for Visually Impaired</b>  |               |
| • <i>Python, OpenCV, Raspberry Pi</i>   |               |
| – Developed an AI-powered wearable solution for indoor navigation and demonstrated it through multiple successful live sessions.  |               |

## Education

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|--|----------------------|
| <b>GL Bajaj Institute of Technology and Management</b>                       | Greater Noida, India |
| • <i>B.Tech in Electronics &amp; Communication Engineering – GPA: 7.3/10</i> | <i>2019 – 2023</i>   |

## Skills

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- 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

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- Solved 700+ coding problems on LeetCode, CodeChef, and HackerRank.
- University-level Chess Tournament Winner (2 times).

## Leadership & Activities

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