

Khushal Jogi

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Education

Xavier Institute Of Engineering

Bachelor of Engineering in Information Technology

Expected May 2025

GPA: 8.5 / 10.00

Projects

Digital Library | React, Spring-boot, Vercel, AWS Cloud

[Link](#) | [Github](#)

- Developed and optimized the backend architecture with Spring Boot, enabling scalable data management and robust business logic, which led to a 40 % improvement in application performance and reliability.
- Used Amazon S3 Bucket for storing the pdf.
- Pointed the server IP to a domain and secured it using cloudflare.

e-Commerce (CRUD API) | React, Spring-Boot, Postgres, AWS Cloud

[Link](#) | [Github](#)

- Platform enables adding, updating, deleting, searching, categorizing products, and facilitates seamless checkout with cart functionality.
- Integrated AWS RDS Postgres database, ensuring robust data management and high availability for e-Commerce website; reduced downtime by 40% and increased data retrieval speed by 25% using React and Spring-Boot.
- Successfully deployed the e-commerce application's frontend on Vercel and backend on AWS Cloud using Elastic Beanstalk and RDS, ensuring reliable performance and scalability.

Yoga Pose Detection | React, TensorFlow, Python

- Developed a yoga pose detection application using TensorFlow, showcasing strong skills in machine learning and data systems.
- Implemented features like a timer for pose duration and visual feedback, demonstrating effective communication and collaboration skills throughout the development process.

Certifications – LINK

- **DSA in Java by Apna College** : Completed a course in Data Structures and Algorithms (DSA) using Java, focusing on problem-solving techniques and optimizing algorithmic efficiency.
- **Java Spring Framework with Spring Boot 3** : Build Java applications using the Spring Framework and Implemented projects using Spring Boot, with hands-on experience in deploying on AWS Cloud.
- **Docker For Java Developers** : Learned the basics of containerization and how to create, run and manage Docker images and containers.

Achievements

- **DSA** : Solved **200+ Coding problems** on different coding platforms.
- **Academic** : Excelled in MHT-CET 2021, securing a **TFWS** category seat (**top 5%**) in my college

Technical Skills

- **Languages**: Java, JavaScript, SQL, Python
- **Technologies**: Postman, GitHub, Docker, AWS Cloud, Postgres
- **Coursework** : Data Structures and Algorithm, Computer Network, Operating System, DBMS, Object Oriented Programming

Volunteering

- **TedX** : Developed relationships with alumni to enhance support and participation, contributing to the fest's overall success.
- **Spandan** : Led alumni outreach for ticket sales and sponsorships, enhancing event funding and support.