

# Kushal J

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## SUMMARY

Full Stack Developer skilled in building scalable web applications using React, Next.js, Node.js, and MongoDB. Strong foundation in Java, Data Structures & Algorithms, and API development. Experienced in developing SaaS products, integrating AI APIs, and deploying production-ready applications. Seeking roles in Full Stack or Software Development.

## TECHNICAL SKILLS

**Programming:** Java, JavaScript, Python, C, SQL

**Frontend:** HTML, CSS, JavaScript, React.js, Next.js, Tailwind CSS, Bootstrap

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication

**Databases:** MongoDB, PostgreSQL

**Tools & Design:** Git, GitHub, Postman, Vercel, VS Code, Figma, Canva, Adobe

## PROJECTS

### AuroraAI – AI SaaS Productivity Platform

**Next.js, React, Node.js, Express, PostgreSQL, Tailwind CSS, Gemini/OpenAI API, Vercel**

- Built a multi-feature AI SaaS platform supporting content generation, image generation, background removal, and resume analysis.
- Integrated Gemini/Cloudinary APIs with optimized backend routes for fast, real-time processing.

### Virtual Try-On For E-commerce (Major Project)

**Python, PyTorch, OpenCV, Flask, Deep Learning**

- Developed a GAN-based virtual try-on model enabling users to visualize garments on human images.
- Implemented human parsing, pose estimation, garment warping, and final rendering pipeline.

### Fresh Basket – MERN Grocery Delivery Web App

**React.js, Node.js, Express.js, MongoDB, Cloudinary, Tailwind CSS, JWT Auth**

- Built a dynamic e-commerce grocery platform with product listing, cart, checkout, and seller dashboard.
- Integrated Cloudinary for product image uploads and optimized MongoDB queries for better performance.

## EDUCATION

### Bachelor of Engineering (B.E.) – Computer Science and Engineering

Atria Institute of Technology, Bangalore | **2022 – 2026** | CGPA: **8.5**

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems, Object-Oriented Programming, Software Engineering, Artificial Intelligence, Machine Learning, Web Development

## CERTIFICATIONS

- AWS Solution Architect – Infosys Springboard (2025)
- Applied Generative AI – Infosys Springboard (2024)
- Python Foundation – Infosys Springboard (2024)

## LEADERSHIP & EXTRACURRICULAR

- Core Team Member – CODE Club
- Volunteer – SRISHTI State-Level Project Expo
- Orphanage Teaching Program (AICTE Activity Points, 5 months)