Kushal J

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Professional Summary

Final-year Computer Science student with practical experience in developing full-stack web applications. Proficient in front-end development using React.js and skilled in building scalable back-end systems with Node.js and Express. Passionate about leveraging technology to solve real-world problems through secure, user-centric solutions. Demonstrates a strong focus on privacy and data protection, making well-suited contributions in sensitive and impactful domains.

Education

B.E - Computer Science & Engineering | Year 4, Semester VII | **CGPA: 8.5** | Atria Institute of Technology

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Database Management Systems, Artificial Intelligence, Machine Learning.

Technical Skills

- **Languages:** Java, C, Python, SQL

- **Web Development:** HTML, CSS, JavaScript, Tailwind, Bootstrap, React.js, Vite, Node.js, Express.js, MongoDB

- **Tools & Platforms:** Git, GitHub, Figma, Canva, Vercel, VS Code, Postman

Projects

- **Virtual Try-On For Ecommerce** | [Link](#) | *(Major Project)*
  Tech Stack: Python, OpenCV, PyTorch, Flask, Deep Learning, HTML/CSS
    - Built an AI-based virtual try-on system enabling users to visualize how clothes fit on a given image of a person, leveraging a two-stage GAN-based pipeline.
    - Implemented human parsing, pose estimation, and garment warping using advanced computer vision techniques and deep learning models.

- **AuroraAI – AI-Powered SaaS App** | [Link](#) | *(AI Productivity Tool)*
  Tech Stack: PostgreSQL, Express, React (Next.js), Node.js, OpenAI API, Tailwind CSS, Vercel
    - Offers multi-functional AI utilities including content generation, blog title generation, image generation, background removal, and resume review — all in one seamless platform.
    - Powered by Gemini API, enabling advanced text and image generation capabilities with real-time results.

- **Fresh Basket – Grocery Delivery Web App** | [Link](#) | *(Ecommerce)*
  Tech Stack: MERN Stack, Tailwind CSS, Cloudinary, JWT Auth, Vercel
    - Built a responsive grocery delivery platform featuring user and seller login workflows, JWT + cookie-based authentication, and a complete shopping cart system.
    - Enabled image uploads using Cloudinary, integrated profile management, and built dynamic product listing and ordering functionalities.

Certifications

- **Python Foundation Certification** (Feb 2024) | Infosys Springboard

- **Applied Generative AI Certification** (Dec 2024) | Infosys Springboard

- **TechA AWS Solution Architect** (Apr 2025) | Infosys Springboard

Languages & Interests

- **Languages Known:** English, Kannada, Hindi

- **Extra Curriculars: Core Team** Member – **CODE** Club, **Volunteer** - **SRISHTI** State-Level Project Expo

- **Hobbies:** Yoga, Art & Craft