

# Koustubh Pande

[koustubhpande021@gmail.com](mailto:koustubhpande021@gmail.com) | +91 91310 07294 | Bhopal, India | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Bhopal, India

Sep 2023 – Sep 2027

## SKILLS

Python, C++, Java, JavaScript, TypeScript, React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap, Node.js, Express.js, Flask, Django, MongoDB, MySQL, PostgreSQL, Figma, Framer, Wireframing, Prototyping, Git, GitHub, Postman, Vercel, VS Code, Jupyter Notebook, Leadership, Team Management, Problem-Solving

## EXPERIENCE

Freelancer

Remote

Full Stack Developer

Dec 2024 – Present

- **Developed and deployed** a full-stack e-commerce platform using the MERN stack for a jewelry startup, implementing product browsing, search, secure checkout, and wishlist/order history features for customers. Built an administrator dashboard to manage inventory, users, and orders, reducing manual workload by 40% and streamlining store operations. Engineered user profile and management features to improve personalization and customer retention.
- **Built an interactive web-based game** with leaderboard functionality using React, Redux, and Appwrite, which boosted user engagement by 30% through gamification. Additionally, created a responsive frontend for a school organization using React.js and Tailwind CSS, optimizing performance and improving load speed by 40% across devices.

Languify

Remote

AI Engineer Intern

June 2024 – Aug 2024

- **Optimized AI-driven text classification models** using **TensorFlow**, improving accuracy by **20%**.
- Implemented **Vision Transformer (ViT)** architectures for image recognition.
- Developed **data preprocessing pipelines**, reducing inference time by **15%**.

## PROJECTS

VerQ – AI Powered Interview Buddy | [\[Link\]](#)

**Tech Stack:** MERN (MongoDB, Express.js, React.js, Node.js), Tailwind CSS, Gemini API, Deepgram API

- Developed a **full-stack AI-powered interview preparation platform** that generates **resume-driven interview questions**, records user voice responses, and provides **personalized feedback** using Gemini and Deepgram APIs. Integrated **real-time transcription, text-to-speech, and voice analysis** to deliver realistic mock interview experiences. Implemented **secure authentication** and built a **responsive, scalable frontend** with React.js and Tailwind CSS, improving usability and accessibility.

Bazaario – Multi-Vendor E-Commerce Platform | [\[Link\]](#)

**Tech Stack:** React.js, Node.js, Express.js, MongoDB, JWT, Chart.js

- Built a **multi-vendor platform** that enables users to **create and manage online stores** with customizable templates for product listings and branding. Implemented **secure authentication and authorization** using JWT, allowing role-based access for vendors and administrators. Designed an **analytics dashboard** with Chart.js for visualizing sales performance using **pie charts and line graphs**, helping vendors make data-driven decisions.

Escape 404 – Interactive Web Game | [\[Link\]](#)

**Tech Stack:** React.js, Redux, Appwrite, TypeScript

- Developed an **interactive browser-based game** with **real-time scoring and leaderboard features**, enhancing user engagement and retention. Utilized **Redux for state management** to handle dynamic game logic efficiently and **Appwrite for backend services**, ensuring scalability and reliability. Built the application with **TypeScript for type safety** and **React.js for responsive UI**, improving performance and maintainability.

## ACTIVITIES AND LEADERSHIP

- **Won a 48 hours Hackathon** hosted by GSoC Innovators Club - VITB and powered by **Unstop & InterviewBuddy™**.
- **Technical Team Lead** of The Eureka Club - VITB
- **PR & Outreach Team Core Member** of Mozilla Firefox Club - VITB

Dec 2024 – Present

Aug 2025 – Present