

Koustubh Pande

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Bhopal, India

Sep 2023 – Sep 2027

SKILLS

Programming Languages:

Python, C++, JavaScript, TypeScript

Frontend Technologies:

React.js, Next.js, HTML, CSS, Tailwind CSS, Bootstrap

Backend Technologies:

Node.js, Express.js, Flask, Django

Databases:

MongoDB, SQLite, MySQL

UI/UX & Design:

Figma, Wireframing, Prototyping

Tools & Platforms:

Git, GitHub, Postman, Vercel, VS Code, Jupyter Notebook

Soft Skills:

Leadership, Team Management, Problem-Solving

EXPERIENCE

Freelancer

Remote

Full Stack Developer

Dec 2024 – Present

- Developed a **responsive frontend** for a school organization using **React.js**, enhancing load speed by **40%**.
- Built an interactive game with a leaderboard using **React**, **Redux**, and **Appwrite**, boosting user engagement by **30%**.
- Developed scalable backend APIs using **Express.js** and **MongoDB**, reducing API response time by **25%**.
- Designed **reusable UI components**, improving code maintainability.

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

Bazaario [\[Link\]](#)

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

- A multi-vendor platform that allows users to create and manage multiple websites for selling products.
- Website creation and management with customizable templates.
- Analytics with chart visualization options (pie charts, line graphs)

Expenser [\[Link\]](#)

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

- Developed a **full-stack expense tracker** with **secure authentication**.
- Integrated **MongoDB database schema**, improving **data retrieval speed by 40%**.

Escape 404 [\[Link\]](#)

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

- Built an **interactive web-based game** with real-time scoring.
- Implemented **state management** using Redux.

Movie Library/Management System [\[Link\]](#)

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Developed **backend API** for **movie catalog management**.
- Designed a dynamic UI with **React.js**, reducing load time by **25%**.

ACTIVITIES AND LEADERSHIP

- Led a Team to a 24 hour Hackathon hosted by MERN Matrix Club - VITB**, check out [ARKAIV](#). (It is an automated platform that tracks, summarizes, and displays the latest AI tools and models from GitHub, Hugging Face, and arXiv papers.)
- Technical Team Core Member of The Eureka Club - VITB** Dec 2024 – Present
- Social Media and Photography Team Core Member of iCreate Community - VITB** Dec 2024 - Present

