Koustubh Pande

koustubhpande021@gmail.com |+91 91310 07294 | LinkedIn | GitHub | Portfolio

EDUCATION

Vellore Institute of Technology   **Bhopal, India**
Bachelor of Technology in Computer Science and Engineering   *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, MySQL, PostgreSQL
UI/UX & Design:	Figma, Framer, 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%**.
- Developed a full-stack e-commerce platform using MERN for a startup which enables
    - Customers to browse, search, and purchase handmade jewelry products
    - Users to manage profiles, wishlists, and order history
    - Administrators to manage products, users, and orders
- Built an interactive game with a leaderboard using **React, Redux,** and **Appwrite**, boosting user engagement by **30%**.

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

- ***Won a 48 hours Hackathon hosted by GSoC Innovators Club - VITB*** *and powered by* **Unstop** *&* **InterviewBuddy™**. *Check out the project here -* ***VerQ***.
- ***Technical Team Core Member*** *of The Eureka Club - VITB*   *Dec 2024 – Present*
- *Social Media and Photography Team Core Member of iCreate Club - VITB*   *Dec 2024 - Present*