Aayush Yadav

Mumbai, India | PH: +91- 7021080797 | aayush09204@gmail.com | Github |Linkedin

EDUCATION

Thakur College of Engineering and Technology, University of Mumbai — Mumbai, India
Bachelor of Technology in Artificial intelligence and Data Science (CGPA: 8.8/10) — Nov 2022– Present

ADDITIONAL SKILLS & CERTIFICATIONS

Programming Languages: JavaScript, Python, SQL, HTML, CSS.
Frameworks & Libraries: ReactJS, Next.js, TailwindCSS, Express, Node.js, FastAPI.
Databases: MySQL, PostgreSQL, MongoDB, Supabase.
Developer Tools: Git, GitHub, VS Code, PyCharm, IntelliJ IDEA, Jupyter Notebook, Google Colab, Figma, Vercel, Render.
Certificates: Python 3.4.3 Training– IIT Bombay, MERN Stack Bootcamp– Udemy, Advanced SQL– HackerRank

WORK EXPERIENCE

ELITECH (Software Development start-up) — Mumbai, India
Frontend Developer Intern (Remote) — Dec 2024 – Jan 2025
- Developed **responsive**, **cross-browser** client websites using **React.js** and **Tailwind CSS** for **3+ clients**.
- Improved **frontend architecture** and **reusable components** to enhance **scalability** and **maintainability**.
- Optimized **UI performance** by reducing **page load times**, contributing to a **12% increase** in **user satisfaction**

TECHOCTANET SERVICES PVT LTD (Software Development start-up) — Mumbai, India
Full Stack Developer Intern (Remote) — Oct 2025 – Nov 2025
- Developed and deployed a **Full-stack e-commerce application** using the **PERN stack** with **secure authentication** and seamless **user workflows**.
- Built and optimized **RESTful APIs** and backend logic for **product catalog**, **order processing** serving **250+ active users.**
- Designed **custom admin dashboards** and **automated inventory workflows**, reducing **manual back-office tasks by 60%** and improving **operational efficiency by 40%**

UNIVERSITY PROJECTS

Book Circle–Online Book Marketplace
Tech Stack: React.js, Spring Boot, PostgreSQL, Google Books API — Mar 2025– Jun 2025
- Created a **Full-stack e-commerce platform** for pre-owned books, promoting **sustainable reading** and reducing book waste
- Added advanced features including **categorical search**, **personalized recommendations**, **Google Books API** integration resulting in a **40% improvement in user experience** and a **20% increase in checkout success rate**

Resume Builder Web App — July 2025– Aug 2025
Tech Stack: Next.js, JavaScript, TailwindCSS, Redux Toolkit, Express.js, PostgreSQL
- A **full-stack web app** enabling users to create, edit, and download resumes with live previews with 3 customizable templates
- Designed an **intuitive** and **responsive** interface with section **customization**, **template switching**, and styling options, increasing user retention by **40%**.
- Implemented user management and **authentication** with **persistent data storage** using **Supabase (PostgreSQL)** and **Express.js**, improving backend efficiency by nearly **50%**

Book Management Web App
Tech Stack: MongoDB, Express, React.js, Node.js (MERN Stack) — Oct 2025– Nov 2025
- Developed a **MERN-based CRUD web application** to replace **100% of manual spreadsheet tracking**, creating a **centralized, responsive interface** that improved record-management efficiency by **45%**.
- Built **modular RESTful APIs** and **reusable React components** supporting full **CRUD operations**, enabling scalable future features like **search**, **filters**, and **user-specific collections**, increasing extensibility by **30%**

ACTIVITIES & ACHIEVEMENTS

TEAM AERONIX, TCET — Mumbai, India
Vice-Captain (Certificate) — Aug 2023 – Present
- Led team to multiple top-10 finishes at **IIT Bombay** Techfest National Aeromodelling Competition and **Delhi Technoxian**
- Mentored **15+ junior** members through weekly hands-on sessions on **CAD modeling**

HACKATHONS, TCET — Mumbai, India
- Qualified for the college-level **Smart India Hackathon** and participated in **Mumbai hacks** 2024