

PRANAV DALVI

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Education

Pune Institute Of Computer Technology

Jul. 2021 – Jun. 2025

Bachelor of Engineering in Information Technology

Pune, MH

Relevant Coursework

- Data Structures
- Operating Systems
- Database System
- Computer Networks
- Algorithms
- Modular Programming
- Discrete Mathematics
- Distributed Systems

Experience

FinIQ

Jan. 2025 – Feb. 2025

UI/UX Intern

Pune, MH

- Engineered a **responsive product catalog** for the 5-Star Platform utilizing **HTML, CSS** and **JavaScript**, contributing to a **25% surge** in mobile user retention.
- **Revamped product page layouts**, integrating customer reviews and comparison charts, leading to an upswing of **40%** in completed purchases and **an average of 3 more minutes** spent per user session.
- Refined interactive workflows and search responsiveness, leading to a **30% boost** in overall user engagement.

Career Spectrum

Aug. 2023 – Feb. 2024

Data Science Intern

Remote

- Formulated a **multi-layer perceptron architecture** integrated with custom **NLP pipelines** to infer personality traits, enhancing prediction precision by **30%**.
- Constructed **robust data pipelines** encompassing tokenization, vectorization and normalization to ensure uniform model ingestion.
- Delivered data-driven career alignment insights to over **200 individuals**, significantly elevating feedback scores and user satisfaction.

Projects

NexTalk | Live | MongoDB, Express.js, React.js, Node.js, Socket.io

Jun. 2024 – Jul. 2024

- Architected a **real-time messaging ecosystem** capable of sustaining over **100 simultaneous users** using **Socket.io** and **React**.
- Deployed secure **JWT-driven authentication** and persistent chat state management backed by **MongoDB**.
- Streamlined performance through **dynamic rendering** on **Vercel**, achieving a **30% reduction** in initial load latency.

Workly | Live | MongoDB, Express.js, React.js, Node.js

Jan. 2024 – Apr. 2024

- Implemented a comprehensive **job portal solution** enabling listing, discovery and application tracking with seamless **MERN stack** integration.
- Enforced **role-based access controls** leveraging JWT for differentiated privileges across admins, recruiters and applicants.
- Enhanced query efficiency by **40%** through intelligent filtering, server-side pagination and keyword search optimization.

Clinix | Live | MongoDB, Express.js, React.js, Node.js

Jul. 2023 – Oct. 2023

- Conceptualized and deployed a **doctor appointment system** with real-time scheduling, empowering users to **book, reschedule and cancel** seamlessly.
- Instituted **JWT-secured access** and **RBAC policies** to maintain privacy and enforce compliant data segmentation.
- Designed an adaptive user interface with **calendar-driven scheduling**, elevating session duration and interaction metrics by **40%**.

Technical Skills

Programming Languages: C++, Java, Python, HTML, CSS, JavaScript

Frameworks: Tailwind CSS, React.js, Next.js, Node.js, Express.js

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, Postman, VS Code, PyCharm, Eclipse

Additional Information

- **PICT CSI Student Branch:** Spearheaded the end-to-end redevelopment of the PICT CSI Student Branch website using React.js, elevating performance by 40% and refining navigational architecture for a seamless user experience.