

PITTU PRASANTH

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Education

Chandigarh University

B.E. in CSE (7.43 CGPA)

Aug 2021 - Jun 2025

Mohali, Punjab

Experience

JDB Info Tech Pvt | Certificate

Jul 2024 - Sep 2024

Full Stack Developer Intern

Remote

- Designed and crafted a client e-commerce website using CSS, TypeScript, and JavaScript, improving page load speed by **35%** and enhancing user engagement.
- Transformed Figma prototypes into interactive, pixel-perfect web pages, leading to a **40%** improvement in user experience.

Zummit Infolabs | Certificate

Feb 2025 - Jun 2025

Backend Developer

Remote

- Developed Paw Print Network, a scalable pet-related web platform, increasing user engagement by **40%** and improving pet adoption efficiency by **35%**.
- Tech Stack: Node.js, Express.js, Prisma, MySQL, React, Vite, Redux, Tailwind CSS – optimized for **50%** faster performance in full-stack development
- Engineered secure user authentication module utilizing Node.js, Express.js, and Google OAuth 2.0 decreased fraudulent account creation by **45%** and accelerated user onboarding by **25%**.
- Implemented password reset functionality using expiring tokens and secure email links, mitigating **95%** of user-reported login issues and improving overall account security.

Irona AI Labs | Certificate

Aug 2025 - Present

Software Engineer

On-site

- Contributing to the development of the Irona AI web application using Next.js, TypeScript, Prisma, and PostgreSQL, Vercel AI SDK.
- Engineered a high-performance image generation feature by optimizing frontend-backend communication and caching, reducing image rendering time by **30%** and enhancing user experience by **25%**.
- Resolved multiple UI-breaking bugs, increasing interface stability and accessibility by **70%**.
- Implemented critical components such as the model selector and keep-alive server, improving session reliability and app responsiveness by **50%**.

Projects

Sorting visualization - Code

Reactjs+vite, JavaScript, tailwind, Git

- Created an educational platform using React.js + Vite and Tailwind CSS.
- Integrated various sorting algorithms, enabling users to explore and experiment with real-world applications, achieving a **90%** user satisfaction rate.

Full-Stack E-commerce Website - Code

React Js, TS, Css, Api, MongoDB, node, Express Js, Git

- Designed a responsive full-stack e-commerce platform using React with TypeScript, enabling seamless user interaction and improving shopping experience efficiency by **60%**.
- Constructed robust backend APIs with Node.js and Express.js, managing inventory, orders, and user authentication securely. Achieved a **95%** user satisfaction rate through intuitive UI/UX and optimized performance.

Skills

Technical Skills : JavaScript (ES6+), ReactJS, Next Js, Express Js, NodeJS, SQL, Python,

Databases & Tools : Git, Postman, npm/yarn, Visual Studio, MongoDB, Excel, GCP, AWS

Certifications: **React Js, Web Development, Data Analytics, Python Course MongoDB**

Achievements & Volunteering

- 160+ LeetCode problems, showcasing extensive knowledge of data structures and algorithms.
- Completed 9+ Frontend Mentor challenges, demonstrating proficiency in frontend development.
- Published 2 research papers, contributing to academic knowledge and demonstrating research capabilities.
- Built 20+ personal projects using React, HTML, CSS, and JavaScript, showcasing extensive front-end development skills.