

# Pranav Teja

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## Summary

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Software Engineer with 2+ years of experience developing high-performance web and mobile applications. Expertise in full-stack development using React, Next.js, Node.js, and Python, with hands-on experience in AWS.

## Skills and Technologies

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**Languages:** Python, JavaScript, TypeScript, Golang, PHP, Java, C, C++

**Technologies/Frameworks:** Angular, React.js, Next.js, Node.js, Swift (iOS), React Native, Redux, Flask

**Tools:** Git, Docker, AWS, Azure, Google Cloud, Vercel

**Databases:** MongoDB, PostgreSQL, MySQL

## Experience

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### Software Developer, Inncircles Technologies Pvt Ltd – Hyderabad, India

Mar 2024 – Present

- Developed Bob Agent, an intelligent automation system integrated within the InnDoc platform. Utilized Daytona for workspace provisioning and environment orchestration, Firecrawl for data extraction and semantic analysis, and Tavily for intelligent retrieval and reasoning, optimized API pipelines, and secure subscription management.
- Built a real-time collaborative editor (InnDocAI) from scratch using ProseMirror and Yjs, enabling Google Docs-style collaboration, and incorporated AI functionalities with LangChain, ChromaDB for generating new documents with context from old documents, document summarization, content generation, language translation, and context-aware inline tools, boosting user productivity by 60% and reducing document creation time.
- Developed a real-time workforce management (InnClock AI) solution integrating AI facial recognition, geofencing, and analytics to automate employee attendance tracking across construction sites. Built using Swift iOS application with AWS Rekognition for facial recognition processing and GPS-based location verification. Implemented comprehensive analytics dashboard providing real-time workforce insights and automated reporting capabilities. Achieved 80% productivity improvement by eliminating manual attendance processes and streamlining workforce oversight across distributed locations.
- Orchestrated the development of an admin system to automate dedicated server setups, integrating AWS EC2, Bitbucket, Lambda, GoDaddy, and New Relic for monitoring 40+ servers, cutting server setup time by 99%, and achieving 40% cost savings per client.
- Contributed to mobile app development with React Native and core product modules, improving system efficiency and client experience.

### SDE Intern, Catalog.fi (Ren Protocol)

Oct 2023 – Mar 2024

- Contributed to the core development of garden.finance and catalog wallet.
- Skills: Next.js, React.js, Node.js, Golang, PostgreSQL.

### Backend Developer Intern, Myally.ai

Apr 2023 – July 2023

- Collaborated with Dr. A. Naveen, Founder of My Ally, to implement an automated accounting system, reducing manual workload by 90%.

### Undergraduate Researcher & Developer, University of Hyderabad

July 2022 – Sep 2022

- Collaborated with esteemed researchers at UOH to develop a high-impact desktop application using Electron.js and Node.js.

**Project Intern**, MCR Web Solutions

May 2022 – June 2022

- Contributed to the development of the innovative e-commerce application, 'Bhimavaram Online'.

**Projects**

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**Havoc**

2025

- Developed a high-performance CLI tool for stress testing APIs and web endpoints, enabling developers to simulate large-scale concurrent requests and analyze performance under load.

**CRT Xplorer**

2025

- Built a modern web application for exploring and analyzing SSL/TLS certificates of any domain, providing detailed metadata such as issuer, validity period, and covered domains.

**Ayoohoo Family Health Game**

2023

- Designed and developed a gamification platform promoting healthy habits in children through interactive gameplay, including daily challenges, rewards, and habit-tracking features.
- Drove rapid adoption, achieving 5,000 monthly active users within the first month, showcasing its strong engagement and social impact.

**Health Connect – IBM Hack Challenge 2023**

2023

- An essential tool for healthcare coordinators that streamlines access and ensures secure sharing of confidential patient health data, enhancing care coordination.
- Project Link: [bit.ly/HealthConnect\\_GitRepo](http://bit.ly/HealthConnect_GitRepo)

**Cholar – Research Application**

2022

- Developed a desktop application for research scientists. Facilitates the identification and characterization of human-long non-coding RNAs.
- Technology Used: Electron.js, Node.js, Shell Script.

**EduTrack – SIH'2022 Winner**

2022

- Developed a real-time tracking system for student progress in response to the Government of Maharashtra's problem statement.
- Technology Used: HTML, CSS, JavaScript, MariaDB, PHP, Ajax, AWS, Machine Learning, Flutter.

**Education**

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**SRKR Engineering College**, B.Tech in Information Technology – India

2020 – 2024

**Achievements**

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- Google DSC Web Lead (2023)
- Smart India Hackathon 2022 – Winner among 525+ participants all over India
- TechEden 2.0 Hackathon Winner – MLH Approved (Major League Hacking) Over 9 Teams (2022)