

SURYA PRAKASH KUDUPUDI

B.Sc Computer Science Graduate | MERN Stack & Python Developer | Passionate About UI/UX, AI

Email : suryak93813040@gmail.com | Phone: +91 9381304018 | Location: Chintal, Hyd, Telangana,India

Github : github.com/suryak999

PROFESSIONAL SUMMARY

B.Sc Computer Science student (2026 graduate) with hands-on experience in full stack web development, Python application development, and MERN stack projects. Skilled in building responsive, user-focused interfaces and integrating backend APIs, with practical exposure to real-time systems and desktop application development using Electron.js and Tauri. A quick learner with strong communication skills, equally effective in technical development roles and collaborative, client-facing environments.

EDUCATION

Bachelor of Science - Computer Science

Aditya Degree College, Amalapuram

2023 - 2026

CGPA: 8.5 / 10.0

Intermediate - MPC (Mathematics, Physics, Chemistry)

NRI Junior College, Hyderabad

2021 - 2023

68.8%

Secondary School Certificate (SSC)

ZPP High School, Nedunuru

2020 - 2021

84%

TECHNICAL SKILL STACK

Languages: Python (primary), JavaScript, Java

Frontend: HTML5, CSS3, React.js, Svelte, Tailwind CSS, Framer Motion, Responsive Design

Backend & APIs: Node.js, Express.js, REST APIs, Socket.IO

Databases: MongoDB, SQLite, Firebase Firestore, Upstash Redis

Desktop Dev: Electron.js, Tauri, Python Tkinter GUI, python CustomTkinter (CTk) GUI

Cloud & Auth: Firebase Auth, Supabase Cloud Storage, Vercel (frontend host), Render (backend host)

Tools: Git, GitHub, VS Code, PyCharm, Postman, Vite, Antigravity IDE

Core Subjects: DBMS, OOPs, Computer Networks, Operating Systems, Data Science Fundamentals

SOFT SKILLS

- Team Collaboration
- Time Management
- Adaptability
- Creative Thinking
- Positive Thinking

INTERNSHIP EXPERIENCE

MERN Stack Intern - Adhoc Network Tech

Apr 2025 - Jun 2025

Amalapuram, Andhra Pradesh, India

- Built and integrated REST APIs into responsive frontend interfaces using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Enhanced UI components and resolved bugs, improving application performance and user experience across multiple features.
- Gained hands-on experience with API routing, backend-to-frontend data flow, and MongoDB operations within a team development environment.
- Participated in code reviews and collaborative sprints, strengthening communication, adaptability, and professional teamwork skills.

PROJECTS

Studix - Real-Time Collaborative Study Platform

Tech Stack: React.js, Node.js, Express.js, MongoDB, Socket.IO, Upstash Redis, Firebase Auth, Firebase Firestore, Supabase Storage, Yjs (CRDT), Vite, Tailwind CSS, Framer Motion

- Designed and developed a full stack real-time collaborative academic workspace integrating persistent messaging, Google Docs-style collaborative notes (Yjs/CRDT), Kanban task boards, and an AI Study Buddy into a single unified web application.
- Implemented sub-millisecond real-time communication using Socket.IO and Upstash Redis for live presence indicators, typing signals, and instant message delivery across concurrent users.
- Integrated Firebase Auth (JWT), Firebase Firestore for low-latency task and AI message syncing, and Supabase Storage for secure cloud-based file and media management.
- Built advanced UI features including a radial context menu, glassmorphic design system, and animations using Tailwind CSS and Framer Motion, delivering a polished user experience.

Tauri Smart System Tray Focus App

Tech Stack: Tauri v2, Rust(minimal), SvelteKit, TypeScript, Tailwind CSS

- Built a lightweight cross-platform desktop productivity application that lives entirely in the system tray, featuring Pomodoro-based focus sessions, native desktop notifications, configurable timers, and local persistence using Tauri plugins.
- Works on Windows, MacOS, Linux and native-feeling desktop experience with smooth animations, responsive tray interactions, lightweight architecture, and efficient background timer management using Rust-powered Tauri infrastructure.

Electron.js Desktop Music Player App

Tech Stack: Electron.js, JavaScript, HTML5, CSS3

- Developed a fully functional cross-platform desktop music player featuring audio playback controls, playlist management, multiple UI themes, and volume control.
- Delivered a native-feeling desktop experience using web technologies via Electron.js, showcasing strong JavaScript and GUI design skills.

Advanced GUI Text Editor

Tech Stack: Python, CustomTkinter (CTk), Tkinter

- Created a feature-rich GUI text editor with dynamic theming, real-time line numbering, auto-indentation, and a floating Find/Replace toolbar with comprehensive match highlighting.
- Engineered a clean, professional-grade editor interface entirely in Python, demonstrating strong desktop UI development skills.

CERTIFICATIONS

- **Python Essentials 1** - Cisco Networking Academy
- **Python Essentials 2** - Cisco Networking Academy
- **Python Essentials 3** - Cisco Networking Academy

ADDITIONAL INFORMATION

Languages:	Telugu (Native), English
Date of Birth:	22 - May - 2005
Nationality:	Indian
Availability:	Immediate - Open to Full-Time, Internship, Remote, On-Site, and Software, BPO/Technical Support roles
GitHub:	github.com/suryak999
Portfolio:	suryak999.github.io/portfolio-2