

PRUTHVI SUVARNA K M

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I am an enthusiastic software engineering student, currently pursuing my degree, actively seeking an entry-level role to apply coding skills and grow in a professional environment.

EDUCATION

- Sri Devi Institute of Technology** **Mangalore, Karnataka, India**
B.E in computer science and engineering (Pursuing) CGPA 8.65
2026 2022-
- Govt Pu College Thirthahalli** **Thirthahalli, Karnataka, India**
PCMB (percentage 83)
2022 2020-
- Dr. U R Ananthamurthy Govt High School** **Thirthahalli, Karnataka, India**
Class 10th (percentage 92)
2020 2017-

SKILLS

- Backend Development:** Node.js, Express.js, TypeScript, JavaScript, API Development & Integration, SQL
- Frontend Development:** React.js, JSX, TypeScript, JavaScript, Tailwind CSS
- Mobile Development:** Android (Java, Kotlin)
- Database Management:** MongoDB, SQL
- Version Control:** Git, GitHub
- Prompt Engineering & AI Utilization:** Advanced prompt design, AI workflow optimization, integration of AI tools and APIs
- Cybersecurity:** Bug Bounty, Penetration Testing, Vulnerability Assessment, Bug Hunting

PROJECTS

1. WEB APP “DIGANTHADEEPA_DESIGN.BUILD”

Single-page commercial website for a structural firm with smooth scroll, animated timeline, project carousel, and OTP-verified contact form.


Tech: Next.js, TypeScript, Tailwind CSS, Framer Motion, Lenis

 github.com/Pruthvi-123-prog/DIGANTHADEEPA_DESIGN.BUILD

2. Crime Analysis System

Crime visualization app with regional stats, live alerts, and map-based dashboards.

Tech: React.js, Node.js, Express, MapTiler SDK, Material-UI, MongoDB

 github.com/Pruthvi-123-prog/crime-analysis-system

3. E-CORP

Privacy-first login system using Zero-Knowledge Proofs with a cyberpunk UI.


Tech: Node.js, JavaScript, Cryptographic Libraries, MongoDB

 github.com/Pruthvi-123-prog/E-CORP

4. Face Track Attendance

Facial recognition attendance system with Django backend and real-time camera input.


Tech: Django, Python, OpenCV, face_recognition, MySQL

 github.com/Pruthvi-123-prog/Face-Track-Attendance

5. Cluster_Weather

Live weather app with Three.js animations and real-time forecast data.

Tech: HTML, CSS, JavaScript, Three.js, Weather APIs

 github.com/Pruthvi-123-prog/Cluster_Weather

6. RF-Analyser

Android app to detect and analyze Wi-Fi, Bluetooth, cellular, and EMF signals in real-time with a radar-style AMOLED UI.


Tech: Kotlin, Jetpack Compose, Android APIs, Three.js

 github.com/Pruthvi-123-prog/RF-Analyser

7. Steganography App

Web app to hide and extract messages in images using LSB technique.

Tech: HTML, CSS, JavaScript

 github.com/Pruthvi-123-prog/Steganography

8. Audit-X

- **Advanced Website Security & Performance Analyzer built with NextJS, Typescript and react.**

 github.com/Pruthvi-123-prog/AuditX

OTHER INFORMATIONS

- **Winner – Code Breakers Challenge, YENIXA 2.0:**

Secured 1st/2nd place in Code Breakers Challenge at YENIXA 2.0, a national intercollegiate fest held at Yenepoya Institute (April 8–9, 2025).

- **Participant – HackSummit 2025:**

Participated in HackSummit 2025 at P.A. College of Engineering (May 15–16, 2025), organized by GD EduTech.

- **Certified – REST API & DB Integration Workshop:**

Successfully completed IEEE-certified workshop on REST API & API Development with Node.js, Express, and Database Integration, organized by IEEE Bangalore Section & CodeZyng in Sahyadri college of engineering.

- **Project Exhibition – I2CONECCT 2025:**

Presented the project Crime Analysis System at I2CONECCT-2025, hosted by MITE Moodbidri on April 19, 2025. Event supported by IEEE-Mangalore Subsection.

Hobbies: Listening to Music, Playing Badminton, Playing Chess, Reading books, Gaming, photography

Languages known: English, Kannada, Hindi, Tulu.