

ASHWIN SUDHAKAR

A developer who blends AI tools with hands-on coding to design, build, and deploy applications.

portfolio.ashwinstech.com

Software Developer

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SUMMARY

Final-year Computer Science student at REVA University and a full-time software developer intern at FriggHome. I build web and blockchain apps, deploy services on Linux, and use AI tools to speed learning and development. I focus on simple, working systems and clear code.

KEY SKILLS

Programming languages: Python, Rust, C++

Frontend: Angular, React, JavaScript

Blockchain: Solidity & smart contracts

DataBase: Postgres / Mysql / MongoDB

DevOps Tools: Linux service deployment, Docker / Podman, API Management, Git

AI tools: VSCode Copilot, Cursor, Windsurf, ChatGPT, Grok, Perplexity, Deepseek

EXPERIENCE

Software Developer Intern – FriggHome
Bangalore (on-site)

Full-time · jun 2025 – present

- Built and maintained frontend modules for an Angular PWA used in smart-home / device management flows.
- Deployed backend services on Linux servers; used Docker setups for stable access.
- Worked on private blockchain devnet deployments: contract testing, deployment scripts, and integration with the Angular app.
- Used AI tools and coding assistants to research solutions and speed up prototyping.

EDUCATION

REVA University
Bangalore, Karnataka

B.E., Computer Science · Aug 2022 – May 2026

Cumulative GPA: 8.77

SPK GEMS
Namakkal, Tamil Nadu

Higher Secondary · Jul 2020 – Mar 2022

PROJECTS

UrbanDAO

A smart-city platform (Angular PWA) with role-based governance and gasless interactions for civic workflows. Built as part of an IEEE program and personal research. github.com/ashwinsdk/UrbanDAO

Project-Xylen

Distributed AI trading system for BTCUSDT perpetuals. Ensemble ML models, real-time market analysis, and risk management.
github.com/ashwinsdk/project-xylen

BillMint

Flutter app for invoice generation and billing for small sellers in India. Designed for simple usability and offline-first flows.
github.com/ashwinsdk/BillMint

GrievX

Blockchain-based transparency system for urban grievance handling and trust in municipal workflows. github.com/ashwinsdk/GrievX

MetaTask

Decentralized task manager with wallet auth and task lifecycle tracking. github.com/ashwinsdk/MetaTask

Ariyo (private)

Hyperlocal platform to connect residents with verified local vendors and services (private work-in-progress).

ACHIEVEMENTS & ACTIVITIES

- Completed a 6-month IEEE Computer Society program where I developed UrbanDAO and learned practical blockchain workflows.
- Hackathon participant: DigitalGov Hack, PEC Hackathon, Diamante Hackathon, HACKHAZARDS '25, StackFusionFest Hack.
- Active on GitHub with multiple public projects focused on blockchain, PWA, and mobile apps.

WORK APPROACH

I combine hands-on coding with AI tools to move faster and keep work practical. I prefer clear code, small iterations, and manual testing before deployment. I design UIs on paper and implement them in code.

LANGUAGES

Fluent in Tamil, English & Conversational proficiency in Hindi.

LEADERSHIP & COLLABORATION

- Coordinated small teams during hackathons and project sprints.
- Can take basic ownership of features from design to deployment.

Links: github.com/ashwinsdk · linkedin.com/in/ashwinsdk · portfolio.ashwinsdk