

Yogya Chugh

Delhi, India – 110032

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TECHNICAL SKILLS

- **Languages:** C++, Rust, Python, TypeScript, JavaScript, SQL
- **Core CS:** Data Structures & Algorithms, OOP, DBMS, Computer Networks, Compiler Design
- **Backend:** Node.js, Hono, FastAPI, Flask, Django, REST API Design, JWT, OAuth 2.0
- **Databases & Cloud:** PostgreSQL, Supabase, Firebase/GCP, Cloudflare R2
- **Frontend:** React, React Native, Expo, HTML/CSS
- **Tools & Platforms:** Docker, Git, Linux

WORK EXPERIENCE

- **Vardhman Electricals** Delhi, India
Software Developer – Intern (Remote) Nov 2025 – Jun 2026
 - TypeScript/Hono REST API on Render – Google OAuth, JWT auth, SSE real-time sync serving 200+ concurrent users across 3+ admin dashboards; live at vardhmansaathi.shop
 - Designed and deployed a PostgreSQL schema on Supabase to back authentication, orders, and admin-dashboard data
 - Electron + React admin desktop app and a React Native (Expo) Android app deployed on Google Play Store
 - Cloudflare R2 for image storage; total hosting at \$7/month
- **Client Application Project** Remote
Software Developer – Freelance Jun 2026 – Present
 - Cross-platform iOS/Android app (React Native, Expo) to be deployed at Play Store and App Store
 - PostgreSQL database on Supabase with Google/Apple auth, RLS, and row-level access policies
 - Subscription based Payment Handling using Superwall

PROJECTS

- **Webelo – Browser Rendering Engine** github.com/YogyaChugh/Webelo
Personal Project C++
 - C++ browser rendering engine; DOM tree follows the WHATWG spec with preorder depth-first traversal
 - v2.0 ships an HTML Visualizer with Python bindings and hosted docs; CSSOM and Render Tree stages are not yet implemented
- **AnyStudio – No-Code Android App Builder** Private Repository
Personal Project In Development
 - No-code Android app builder in Rust – drag-and-drop UI canvas that exports a signed, installable APK
 - Custom compiler generates Android bytecode from scratch, bypassing the Java toolchain entirely
 - Handles backend logic using drag-and-drop blocks, with automatic dependency management (SDKs, apksigner, zipalign) and virtual device testing for the exported APK
- **SIH – Blockchain Travel Security System (Safario)** Team Project
Smart India Hackathon 2024 – 2025
 - Decentralized tourist identity app – verifiable digital ID cards backed by a blockchain, scannable via QR
 - Built on React, ethers.js, and WalletConnect; includes live geolocation and English/Hindi support
- **Open Source – Django:** Fixed a bug where an unresolved relative `{% extends %}` template path raised an unrelated `AttributeError` instead of a clear `TemplateSyntaxError`; merged as [django/django #19295](https://github.com/django/django/pull/19295)

EDUCATION

- **Panipat Institute of Engineering and Technology (KUK)** Panipat, India
B.Tech – Computer Science and Engineering 2023 – 2027
 - CGPA: 8.05/10

ACHIEVEMENTS

- Built 4 projects (450+ hrs) for Hack Club Summer of Making, GitHub-sponsored – awarded a \$1,649 Gigabyte Aero laptop (RTX 5070, Ryzen AI 7, 32 GB, 1 TB SSD)
- 3rd place, Cyber AI Hackathon 2025 (University of Derby, UK)
- 3rd place, Agentic AI Hackathon 2025 (Ulster University, UK)
- Selected in SIH internal rounds in both 2024 and 2025
- Founder & Lead, Technical Club – organized Frontend Frenzy, website development competition
- 1st place, Pattern Coding Competition 2023 – Rs. 2,000 cash prize

INTERESTS

Competitive Programming — Game Development — Neural Networks