Praneel Sindhole

+91 7780555015 | praneelteck@gmail.com | praneel.sindhole.com | github.com/Praneel7015 | linkedin.com/in/praneel-sindhole

Education

M S Ramaiah Institute of Technology — Bengaluru, India
B.E. in Computer Science and Engineering — *Jul 2023 – Jul 2027 (expected)*

Experience

Honest Cyber — Jul 2026 – Present
Founding Engineer Intern — *Bengaluru, India*

- Primary engineer (600+ commits, 150 PRs) on a multi-tenant **GRC (Governance, Risk, Compliance) platform** on **AWS**: RDS PostgreSQL 17, PostgREST, Cognito MFA, ALB, WAF, all in **Terraform** with nightly drift detection
- Forced **row-level security (RLS)** on all 18 runtime tables, proven by a 568-cell role matrix and 28/28 API tests with real Cognito MFA tokens; found that `rds_superuser` silently bypasses RLS and made CI fail on it
- Built a **DPDP (Digital Personal Data Protection Act)** erasure job (two-person rule enforced in the database, version-aware S3 delete verified to zero) and tamper-resistant backups (S3 Object Lock, KMS) restored onto a fresh repo
- 7-job **GitHub Actions CI/CD** pipeline checking about 150 proof lines per run, every control shown failing first with planted defects; migrated 1,958 Notion records in **Python**, catching a parser bug that silently emptied all 34 date columns

Samsung R&D Institute Bangalore (PRISM) — Nov 2025 – Jul 2026
Machine Learning Intern — *Bengaluru, India*

- Team of 3: **split learning** over **gRPC** across 2, 3 or 5 phones, as **LLM** (MobileBERT) and **LVM** (MobileNetV2) apps
- Designed the LLM's N-block architecture: **Python** pipeline cutting MobileBERT into 5 **TFLite** blocks (frozen backbone + adapters), a **Kotlin** runtime and device placement by RAM, CPU, battery and heat, with per-block S3 checkpoints
- Fixed Adam state resetting between TFLite calls by moving it into Kotlin with gradient accumulation: accuracy **54.7% to 95.3%**

Freelance Web & App Developer — 2025 – Present
Self-employed — *Bengaluru, India*

- **GS Law Firm** (sunitha.sindhole.com), my mother's practice: **Next.js** site with 30 routes in English, Telugu and Hindi, JSON-LD and **local SEO**, spam-proof enquiries (Turnstile, rate limits), Bar Council copy rules checked in CI
- Shipped 7+ more small-business sites in Next.js + Sanity, and WashLog, a **Flutter** + Firebase car-wash app with plate OCR

Projects

FlowForge (**3rd**, LovHack) | *React, Node.js, Express, LLMs, Docker* | flowforge.highcortisol.xyz — Mar 2026 – Present

- Visual **CI/CD** builder compiling 20 node types deterministically to GitHub Actions, GitLab CI, Jenkins, CircleCI, Bitbucket
- AI layer generates pipelines from a prompt or repo and diagnoses failed runs, showing fixes as a diff that flags downgrades
- Opens pipelines as PRs, blocked if a secret scanner finds credentials; SSRF-hardened API, 139 tests, 94 commits in 7 months

Triage: AI revenue recovery agent | *TypeScript, Next.js, Razorpay API, SQLite, LLMs* | triage.highcortisol.xyz — Aug 2026

- Razorpay AI Buildathon: diagnoses failed Autopay payments; a **policy graph**, not the LLM, picks retry, link or no action
- 168 simulated cases vs naive dunning: **0 compliance violations** (vs 157), **64% fewer** messages, **+32-pt lift** over holdout

RapidGrid: emergency routing | *Python, FastAPI, React, OpenStreetMap* | rapidgrid.highcortisol.xyz — Aug 2026 – Present

- Multi-agent system routing Bengaluru ambulances by clinical capability (cath lab, stroke, trauma) across 30 hospitals
- Built causal road-closure model and outcome estimates; cross-checked all 41 sites vs OSM and Google Routes (0 errors)
- Fixed 21 bugs including async race conditions, and deployed the app and API as one Render service; 30 offline tests

Open Source Contributions

2,200+ contributions across 54 repos in a year; **Rakazo** (6.7k stars) **merged #1964**; **OpenMausBot** (11k stars) #3813 open

Leadership & Community

Team Lead & Events Coordinator, **MUKTI**, the open-source community of MSRIT — Mar 2024 – Present

- Run recruitment, onboarding and events for a 750+ member FOSS community; led its partnership with FOSS United
- Ran workshops on cybersecurity, safe online practice and open source, showcasing MY-LOSS, my Linux distro recommender

Committee Member, FOSS United India "First Commit" — Aug 2025 – Present

- Run bi-monthly sessions onboarding students to open source as one of a 6-person committee; organise talks with maintainers
- Guide participants through their first real commits; 3 merged PRs of my own to FOSS United's platform and Forklore

Awards & Achievements

AWS Builder Center: 7 weekend challenges, 7 wins in a row | each built in under 24 hours — Jul – Sep 2026

- **Opportun-AI-t** (daily career agent), **StudyPulse** (Bedrock study coach), **WeekAhead** (task automator), **PlatePilgrim** (Cognito, API Gateway, CDK), **ClauseClarity** (Bedrock contract red flags), **Midnight City**: 3D browser racing game; won three rounds as I rebuilt it

Winner, AWS Rift Rewind ($1,000 AWS credits + keyboard); **3rd**, LovHack; **6th**, AWS Builder Challenge #2 — 2025 – 2026

Technical Skills

Languages & Tools: Python, TypeScript, JavaScript, Kotlin, Java, SQL, Dart, Bash, Git, Linux, GitHub Actions, CI/CD
Cloud & DevOps: AWS (RDS, Lambda, S3, CloudFront, Bedrock, DynamoDB, Cognito, KMS, WAF, CDK), Terraform, Docker, Kubernetes
Frameworks & APIs: React, Next.js, Node.js, Express, FastAPI, Flask, Flutter, PostgREST, REST APIs, gRPC
Databases: PostgreSQL, SQLite, DynamoDB, Firebase | **AI & ML**: LLMs, PyTorch, scikit-learn, TFLite, split learning
Security: row-level security, Cognito MFA, DPDP compliance, SSRF hardening | **Other**: Raspberry Pi