

NIPUN THEEKSHANA

Co-Founder & CTO, PerfectUs | Blockchain, Data & Applied AI

Colombo, Sri Lanka • +94 77 980 2007 • theekshana2@gmail.com
nipuntheekshana.com • github.com/theetaz • linkedin.com/in/nipun-theekshana

PROFESSIONAL SUMMARY

Engineering leader with 10+ years of experience building and shipping software, including nearly five years as **Co-founder and CTO of PerfectUs**, a blockchain development studio. Built and led an engineering organization of 50+ engineers and delivered 1,000+ smart contracts for clients worldwide with zero critical security incidents. Previously served as Tech Lead at KeenEye in Colombo and Paris, leading 21 engineers across IoT, mobile, and web products for European and US clients. Founded **Prabhava Labs**, a nonprofit focused on independent open-source initiatives in civic data, on-device ML, and embedded systems. Brings hands-on architecture experience in Solidity, TypeScript, Go, Rust, Java, and PHP, alongside the judgment to set technical strategy, grow engineering teams, and turn ambiguous problems into secure, reliable products.

CORE COMPETENCIES

Technology Strategy & Roadmapping • Engineering Organisation Building & Hiring • Solution & Platform Architecture • Smart Contract Security & Audits • Blockchain / Web3 Product Delivery • Data Pipelines & Public Data Platforms • Applied AI & On-Device ML • Pre-Sales & Client Management • Delivery Governance (Agile, SDLC, CI/CD) • Mentoring & Talent Development

PROFESSIONAL EXPERIENCE

Co-Founder & Chief Technology Officer | PerfectUs Technologies

Dec 2021 – Present

Colombo, Sri Lanka

Blockchain development studio bridging Web 2.0 and Web3: smart contracts and audits, DeFi, dApps, NFT and GameFi platforms, crypto integration, and AI and bot development.

- Co-founded the company and own technology strategy, architecture and engineering delivery across all products and client engagements.
- Built and led an engineering organisation of **50+ engineers** across smart contracts, backend, frontend and QA; owned hiring, technical interviews, career growth and performance reviews.
- Delivered **1,000+ smart contracts** for clients across industries and countries worldwide, including North America; led flagship builds including an NFT marketplace, a DeFi protocol and a tokenisation platform.
- Established secure smart-contract delivery standards (code review, automated testing, third-party audits, CI/CD) and built an in-house audit practice running line-by-line audits for external clients; **zero critical security incidents**.
- Partner with the CEO on pre-sales, solution design, estimation and client relationships, translating client needs into scoped technical roadmaps.

Tech Lead | KeenEye Solutions

Sep 2019 – Oct 2021

Colombo, Sri Lanka (offices in Paris, France)

Custom software and team-augmentation company serving European and international clients in medtech, IoT, logistics and m-commerce.

- Led a team of **21 engineers** delivering bespoke software for European and international clients across IoT, mobile and web.
- Architected and delivered **EFL Symphony**, an IoT logistics solution, end to end.
- Delivered **Cedar**, high-speed radar camera detection software for a US client.
- Technical stakeholder for clients in France and across Europe; ran sprint planning, estimation and user-story definition.
- Mentored **50+ junior and mid-level engineers**.

Tech Lead | Parallax Technologies (Pvt) Ltd

Jan 2019 – Jul 2019

Colombo, Sri Lanka

- Led delivery teams through the full software development lifecycle for client projects, owning planning, code review and releases.
- Built loan-management infrastructure for a People's Bank cooperative society, handling loan data for 6,000+ members.

- Delivered **Village 60 Plus ERP**, a full ERP for an elderly-care home network operating across 7 locations in Sri Lanka.
- Built **PGLL Logistics**, covering freight forwarding, documentation, consolidation, container management, accounting and finance.
- Built **StoreMate SaaS** deployment automation: a Docker and Jenkins pipeline automating releases of Laravel web applications.

Freelance Software Engineer | Self-employed

Jan 2017 – Jan 2019

Remote

- Built **Space Hunter**, a scalable API and Android app for storage-space booking in Sweden (Node.js, Express, MongoDB, Elasticsearch, AWS).
- Developed the Sampath Bank payment-gateway plugin for WooCommerce and delivered 30+ e-commerce sites on WooCommerce, Magento and OpenCart.
- Built **Hope SL**, an IoT agriculture platform with real-time soil-moisture monitoring, automated irrigation and ML-based irrigation scheduling (Kafka, Spark, Hadoop, MQTT).

Software Trainee | Crowderia AB

Aug 2016 – Jan 2017

Colombo, Sri Lanka

- Built **Coqeeep**, an Android app for online service booking that connects service providers and customers (Java).

OPEN-SOURCE LEADERSHIP

Founder | Prabhava Labs (non-profit)

Jan 2026 – Present

prabhavalabs.com • github.com/prabhavalabs

Non-profit founded to support independent open-source initiatives: 8 active and 5 incubating projects across civic data, fintech, geospatial, AI and embedded systems.

- **Lanka Data Layer**: free, MIT-licensed geo-data platform replacing paid geocoding (about \$5 per 1,000 requests). GN-division reverse geocoding precomputed to a single indexed read, trilingual search, 2024 Census data and all 1,833 postal codes, plus offline npm packages. Launch reached 47,000+ impressions.
- **PriceLens**: TypeScript/PostgreSQL pipeline ingesting daily price data from the Central Bank, Census Department, HARTI and four supermarket chains. Failed parses are quarantined rather than published, and every price traces to its source page and row. Powers basket optimisation, 363 costed recipes, and email/Telegram price alerts.
- **Salli**: privacy-first on-device SMS transaction classifier for mobile finance apps: 99.52% accuracy on 6,092 synthetic test messages, 2.79 MB of model weights, runs in the browser and native Dart with no data sent to the cloud.
- Also: OpenPay (crypto-to-rupee merchant payments, Go microservices), OpenTreasury (tamper-evident public spending on Hyperledger Fabric), GeoPop (Rust/PostGIS API), and ESP32-S3 embedded work including the Mochi animation SDK and AgentMeter.
- Publish technical write-ups on AI in education ("Three AI Models Sit a Sri Lankan A/L Physics Paper"), open civic data and embedded builds to 2,400+ LinkedIn followers.

TECHNICAL SKILLS

Languages: Solidity, TypeScript, JavaScript, Go, Rust, Java, PHP, Python, Kotlin, Dart, C/C++, SQL

Blockchain: EVM and EVM-compatible chains, smart-contract development and auditing, DeFi, NFTs, GameFi, dApps, tokenisation, Hyperledger Fabric, crypto payment integration

Backend & Data: Node.js, Express, Laravel, PostgreSQL, PostGIS, MySQL, MongoDB, Elasticsearch, Kafka, Spark, Hadoop, microservices, ETL pipelines

Frontend & Mobile: React, Next.js, Vue.js, Flutter, Android, PWAs

Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, Ansible, CI/CD, Linux

AI & ML: On-device ML, LLM applications (translation, grounded chat), model evaluation and benchmarking, AI and bot development

IoT & Embedded: ESP32-S3, Arduino, MQTT, Bluetooth LE, microcontroller firmware

EDUCATION

B.Sc. in Computer Science | University of Ruhuna, Sri Lanka

2014 – 2017