

HIRUN KOLONGAHAPITIYA

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with 2+ years building and shipping scalable full-stack web and mobile applications across React, Next.js, Laravel, Node.js, and Python, with hands-on AI integration (RAG, OpenAI/Claude APIs) and end-to-end deployment on Docker, GitHub Actions, and cloud infrastructure. Comfortable owning features from design to production.

CORE SKILLS

Frontend: React, HTML, CSS, Next Js,

Backend: Laravel (PHP), Node.js, Python, Rust

Mobile: Flutter

Databases: MySQL, MongoDB, Astra DB, Redis

Cloud/DevOps: AWS (S3,EC2), GCP (Firestore, Cloud Storage, Compute Engine), Docker, Hetzner, GitHub Actions, CI/CD, FTP/cPanel deployment

AI/Tools: Python, LangFlow, Firebase, Postman, Git, n8n (advanced)

PROFESSIONAL EXPERIENCE

Nestable (formerly Lanka Nordic IT Partners) | Aug 2025-May 2026 | Colombo, Sri Lanka

- Designed and deployed end-to-end automation systems using n8n, OpenAI, Act-based scrapers, Google Sheets, Gmail API, and LinkedIn APIs.
- Built a LinkedIn lead-generation automation that scrapes profiles, enriches posts, checks connection status, personalizes outreach with AI, and auto-invites prospects - fully logged to Google Sheets.
- Developed an AI-powered email outreach automation that parses CSV/XLSX, enriches prospects across datasets, generates personalized emails with GPT, and auto-creates/exports campaign sheets.
- Engineered a talent-pool automation that extracts resumes from Gmail, converts PDF to HTML, uploads to Google Drive, parses CVs with AI, and stores structured candidate data in Sheets.
- Built and deployed a real-time prediction market arbitrage bot (Rust + WebSockets) to production with a zero-downtime Docker + GitHub Actions CI/CD pipeline.
- Reduced manual operations work by 70–90% across lead generation, recruiting, and outreach.

Lanka Nordic IT Partners (Pvt) Ltd - Full Stack Developer | Sep 2024-Aug 2025 | Colombo, Sri Lanka

- Developed AI-powered features and scalable full-stack applications using React, Python, Laravel, and Node.js.
- Contributed to enterprise-grade web systems and AI development projects for international (Nordic) clients.
- Collaborated in a cross-functional team delivering production software end-to-end.

eSupport Technologies (Pvt) Ltd - Software Engineering Intern | Mar 2024-Sep 2024 | Colombo, Sri Lanka

- Built responsive web solutions using PHP, Laravel, WordPress, and JavaScript.
- Contributed to cross-platform Flutter mobile apps.
- Worked with Git workflows and deployment processes in a fast-paced delivery environment.

PROJECTS

AEYE - AI CHATBOT PLATFORM FOR BUSINESSES | Full-stack Developer | 2025-Present

- Tech:** Next.js, React.js, TypeScript, MySQL, NextAuth v5, Stripe, Anthropic Claude API, WhatsApp Business API
- Built a multi-tenant SaaS platform that lets businesses train custom AI chatbots on their own knowledge base and deploy them on websites and WhatsApp.
 - Implemented Retrieval-Augmented Generation (RAG) over uploaded documents and crawled URLs for context-grounded answers.
 - Integrated WhatsApp Business API so customer chats route through the same bot pipeline as the website widget.
 - Built Stripe-powered subscription billing with plan-based limits on bots, messages, and knowledge sources.
 - Developed an autonomous AI blog bot that researches topics and publishes SEO articles on a cron schedule.
 - Built a hidden admin panel for user management, plan overrides, and platform-wide analytics.
 - Containerized the app with Docker and set up a GitHub Actions CI/CD pipeline that builds, tags, and deploys to a Hetzner server on every push to main - cutting deploy time from manual SSH steps to a single git push.

Link: aeye.lk

PREDICTION MARKET ARBITRAGE BOT | Algorithmic Trading & Systems Engineering | Jan 2026-May 2026

- Tech:** Rust, TypeScript, React, Redis, WebSockets, Polymarket CLOB API
- Built a full-stack automated arbitrage bot for Polymarket binary prediction markets, exploiting price inefficiencies by accumulating both sides of binary outcomes at combined cost below \$1.00 per pair for guaranteed profit.
 - Engineered a real-time execution engine in Rust with WebSocket price streaming, limit order ladder placement, and post-only order management via the Polymarket CLOB API.
 - Built a live React dashboard with real-time position tracking, per-side order views, P/L calculations, and resolved market history via WebSocket-connected REST API.

More projects & case studies: hirun.lk

EDUCATION

- BICT (Hons) in Business Intelligence (Special) - Uva Wellassa University of Sri Lanka | 2021-2025
- GCE Advanced Level (Technology Stream) - KG/MW/Ashoka Maha Vidyalaya | 2016-2018

FINAL-YEAR GROUP PROJECT & THESIS

Wildlife Threats Monitoring with AI-Enhanced Drone Using IoT Sensors - Completed Aug 2025

- Uva Wellassa University | Supervisors: Prof. Y.N.S. Wijewardana Mr. W.M.C.J.T. Kithulwatta
- Built an integrated conservation system combining UAV imagery (YOLOv5), IoT sensors (temperature, smoke, acoustic), and real-time dashboard (edge + cloud).
 - Achieved strong detection performance in pilot tests, enabling early alerts for poaching, deforestation, and bushfires.
 - Link: wildasia.hirun.lk_

CERTIFICATIONS

- AI Workshop: Advanced Chatbot Development - LinkedIn Learning (2025)
- React: Components, Context & Accessibility - LinkedIn Learning (2025)
- Dart & Flutter: The Complete Flutter Development Course - Udemy (2023)
- Advanced WordPress Course for Professionals - Udemy (2024)

More Certifications: hirun.lk

LANGUAGES

- English (Fluent) • Sinhala (Native)

REFERENCES

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