

HIRUN KOLONGAHAPITIYA

SOFTWARE ENGINEER

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SUMMARY

A passionate Software Engineer with over 2+ years of experience building scalable web and mobile applications using clean code principles and AI integration. Proven track record of leading teams and delivering high-impact, client-focused solutions. An open-source advocate and lifelong learner, committed to continuous innovation and cutting-edge software development.

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

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

A passionate Software Engineering Intern at eSupport Technologies (Pvt) Ltd with hands-on expertise in PHP, Laravel, WordPress, Flutter, and JavaScript. Skilled in crafting responsive web solutions and cross-platform mobile applications. Demonstrated a strong commitment to delivering robust software while rapidly expanding technical and collaborative skills in a fast-paced environment.

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

Full Stack Developer at Lanka Nordic IT Partners, contributing to the development of innovative AI-powered solutions and scalable full-stack applications using React, Python, Laravel, and Node.js. The company specializes in bridging Nordic tech excellence with Sri Lankan talent to deliver cutting-edge projects, including AI development and enterprise-grade web systems. Proud to be part of a team that transforms complex challenges into efficient, user-centric software while fostering collaborative growth.

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

Associate Software Engineer at Nestable, building and scaling AI-powered remote engineering solutions that help businesses seamlessly integrate high-performing technical teams. Contribute to creating flexible, cost-effective platforms that connect companies with top-tier global talent, enabling them to focus on growth while we manage the technical execution.

AI & Automation Engineer (n8n) - Key Contributions

- 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 messages with AI, and auto-invites prospects - fully logged into Google Sheets.
- Developed an AI-powered Email Outreach automation that parses uploaded CSV/XLSX, enriches prospects via multiple datasets, merges research data, generates personalized emails with GPT, and auto-creates/export campaign sheets.
- Engineered a complete Talent Pool automation system that extracts resumes from Gmail, converts PDF to HTML, uploads files to Google Drive, parses CVs using AI, and stores structured candidate data in Sheets.
- Automated repetitive workflows, reducing manual work by 70-90% across lead generation, recruiting, and outreach operations.

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.online

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.online

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.online

LANGUAGES

- English (Fluent) • Sinhala (Native)

REFERENCES

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