

Abir Hasan

Senior Backend & Full Stack Engineer | DevOps | AI Automation

Melbourne, VIC | htabir.me | linkedin.com/in/htabir | github.com/htabir

Work rights: Student visa (subclass 500). Available **full-time now until late February 2027** (university break), then up to 48 hours per fortnight during semester.

PROFESSIONAL SUMMARY

Senior Backend and Full Stack Engineer with 5+ years of experience building and running production SaaS platforms. Most recently Lead Developer of a multi-tenant iMessage and SMS marketing SaaS for US businesses. In that role I owned production reliability and the engineering process, built a real-time messaging system from scratch, and ran AI automation workflows (n8n, OpenAI API) that answer customer conversations. Previously part of the core team that built **onepte.com**, a full PTE exam platform with AI scoring, and the backend for Android apps with over 1 million downloads. Strong across **Laravel, Django, PostgreSQL, AWS, Linux and CI/CD**. Currently studying a Master of Information Technology at La Trobe University.

SKILLS

Backend	PHP (Laravel), Python (Django, Django REST Framework), RESTful APIs, microservices, multi-tenant SaaS, queues and background jobs, Stripe billing
Real-time & AI	WebSockets (Laravel Reverb), n8n (self-hosted), OpenAI API, AI agents and workflow automation, webhooks
Cloud & DevOps	AWS (EC2, S3, RDS, Lambda, CloudWatch), DigitalOcean, Linux server hardening, Nginx, SSL/TLS, DNS, VPN and private networking, Proxmox, Docker, Kubernetes (basic), CI/CD (GitHub Actions, GitLab CI)
Observability	AWS CloudWatch, Laravel Nightwatch, incident response
Data	PostgreSQL, MySQL, Redis
Frontend & Mobile	TypeScript, Next.js, React, Flutter
Leadership	Technical leadership, system architecture, database design, sprint planning, code reviews, Agile

PROFESSIONAL EXPERIENCE

Lead Developer

hiublue

Aug 2024 – Feb 2026

USA (Remote)

- Led a team of 4–5 developers on a **multi-tenant SaaS** platform that US businesses use for iMessage and SMS marketing, CRM and AI-automated conversations (Laravel, Next.js).
- Owned **production reliability** and the engineering process: sprint planning, task breakdown, code reviews, PR approvals and CI/CD releases.
- Built a **real-time messaging system** from scratch on WebSockets (Laravel Reverb), with **AI auto-replies** driven by n8n workflows and the OpenAI API.
- Self-hosted and ran **n8n** and built the automation workflows behind the platform's AI workers, integrated with the core app through webhooks and APIs.
- Designed key parts of the platform architecture: multi-tenant workspaces, roles and permissions, self-serve onboarding with e-signature contracts, and subscription billing.
- Ran queue-based background processing that delivers **thousands of messages per day**.
- Managed production infrastructure on **AWS** and DigitalOcean, including Linux hardening, Nginx, SSL, DNS, VPN and private networking, and Proxmox. Led monitoring and incident response, migrating from AWS CloudWatch to Laravel Nightwatch.

Software Engineer

LiiLab

Apr 2021 – Jul 2024

Sylhet, Bangladesh

- Core team member building **onepte.com**, a full PTE Academic preparation platform covering practice questions, timed mock tests, exam simulation, **AI-assisted scoring**, audio recording and media processing, and paid subscriptions.
- Built and rebuilt backend APIs for Android apps with **over 1 million downloads** and scaled them for high traffic. Also contributed to the mobile app code.
- Built a **multi-vendor e-commerce** platform for a client business, covering vendor management, inventory, cart and payment processing.
- Developed a REST API for media management.

Backend Developer

BlockAlgo

2019 – Jan 2021

Remote

- Built the backend of the core payments product in **Laravel**, integrating the Bitcoin Lightning Network Daemon (LND) for fast, low-fee micro-transactions.

AUSTRALIAN WORK EXPERIENCE

Food Prep and Front Counter (Casual) Ozmo Kebab & Mandi, Tarneit	Apr 2026 – Present
Service Support Employee (Casual) HammondCare, Melbourne	May 2026 – Present
Room Attendant (Part-time) Ozone Hospitality Services, Melbourne	Mar 2026 – Present
Customer-facing, team-based roles held while studying, building communication, reliability and WHS practice in Australian workplaces.	

EDUCATION

Master of Information Technology La Trobe University	Mar 2026 – 2028 (expected) Bundoora, VIC
Bachelor of Science in Computer Science and Engineering Leading University	2019 – 2024 Sylhet, Bangladesh

AWARDS

Champion National Hackathon, LU CSE Carnival Season 2	2023
Regional Champion National High School Programming Contest	2016