

Suryansh Kushwaha

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

Aug 2022 - Expected July 2026

Bachelor of Computing in Computer Science (Hons) | **Artificial Intelligence and Software Engineering**

- Science and Technology Undergraduate Scholar (Full tuition + allowance)
- Teaching Assistant for CS2106 (Operating Systems) and CS4218 (Software Testing) for 112 students; received feedback as "one of the best TAs in SoC"
- **Coursework:** Artificial Intelligence, Natural Language Processing, Computer Vision, Data Structures and Algorithms, Operating Systems, Software Engineering, Software Testing

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, TypeScript, SQL, HTML, CSS
- **Frontend & Backend:** React, Next.js, Node.js, Express.js, Tailwind CSS, REST APIs, WebSocket, Microservices
- **AI & ML:** PyTorch, NumPy, Pandas, LLM Integration (OpenAI API / LangChain), Prompt Engineering, RAG Pipelines
- **Databases & DevOps:** ChromaDB, PostgreSQL, MySQL, MongoDB, Redis, Supabase, Docker, Git, CI/CD, AWS

WORK EXPERIENCE

ETHER KREATIV *Full-Stack Developer Intern*

May 2024 - Sept 2025

- Engineered AI booking assistant chatbot with **MySQL RAG pipeline** and **Next.js/TypeScript** frontend, processing **100+ monthly inquiries** with **<1 minute response time** (reduced from 2 hours)
- Built **custom payment gateway integration** reducing booking abandonment by 32%, solving channel manager API gap that previously forced customers to external payment flows
- Redesigned hospitality website with technical **SEO optimization**, improving **search rankings by 45%** for targeted keywords and increasing **conversion rate by 2%** within 6 months

KAIA DLT FOUNDATION *Blockchain Engineer Intern*

Jan 2025 - June 2025

- Published **@kaiachain/kaia-chat-ui** React component as npm package with **1,900+ downloads** in 8 months, providing production-ready AI chatbot interface with customizable themes and message formatting
- Open-sourced **Kaia blockchain plugin for ELIZAOS** enabling natural language on-chain transactions; collaborated with the marketing team to deploy Twitter and Discord AI agents handling **1,000+ monthly user interactions**
- Developed internal governance management platform using **React, Next.js, and MySQL** (Dockerised); partnered with business development team to streamline onboarding and CRUD data management for 40+ council members.

PROJECTS

KUSHWAHA & CO., *Founder & Full-Stack Developer* (suryanshkushwaha.com)

Dec 2025 - Present

A comprehensive mentorship platform for international students seeking to study and work in Singapore.

- Bootstrapped and launched full-stack platform using **Next.js, Supabase** and **Vercel** generating **₹45,000+ revenue** from **47 paid consultations** within 3.5 months, achieving profitability with zero marketing spend
- Achieved **#1 Google ranking** for branded search terms and **perfect 100 Lighthouse Score** through technical SEO and Next.js metadata optimization, driving **200+ monthly organic visitors**

LAHLANG, *Software Engineer* (lahlang.dev)

Mar 2026 - Present

An open-source Singlish-based programming language built for Singaporeans.

- Engineered a fully-featured interpreted language in **TypeScript** with Singlish syntax, building a custom lexer, parser, and AST interpreter with a **VS Code extension**, interactive **REPL**, and globally **installable CLI**
- Garnered **100K+ views in a single day** going viral across all social media platforms; accumulated **62+ GitHub stars**

PEERPREP, *Full-Stack Developer* ([link](#))

Aug 2024 - Dec 2024

A real-time collaborative coding platform for students preparing for technical interviews, developed in a team of 5.

- Architected backend with **TypeScript, WebSocket, Redis** and **MongoDB** in a **microservices architecture**, containerized with **Docker**, supporting **500+ concurrent users, 99.9% uptime**
- Developed React frontend with live code editor and compiler, real-time chat with **<500ms latency**, and AI-powered assistance; implemented Redis session management and skill-based matching algorithm

CO-CURRICULAR ACTIVITIES

YouTube Content Creator ([link](#))—Educational content on studying/working in Singapore; **6k+** subscribers, **656k+** views

Red Warriors, Secretary—Spearheaded IEx project distributing period products to **1000+ low-income women**

NUS College, Residential Assistant—Mentored **35 residents** and organized community programs for **1,800+ students**

LANGUAGES: English and Hindi (Native), Tamil (Basic), Spanish (Basic)

INTERESTS: Badminton, Filming, News, Animal Welfare