

Phaolap Kulteera

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Summary

Proactive 3rd-year Computer Engineering student with a hybrid skill set in Software Development and Data Science. Proven track record in building scalable web alongside deriving business insights through data modeling and Python. Seeking an internship opportunity to leverage strong technical foundations in both engineering and analytics to deliver impactful solutions.

Education

Bachelor of Engineering in Computer Engineering , Chulalongkorn University, Bangkok, Thailand

Expected Graduation: 2027, GPAX: 3.84

Experiences

Pixelmath | Data Scientist

Jan 2026 - Present

- Analyzed annual transaction logs and Meta advertising data to derive actionable insights, directly influencing the strategic budget allocation and ad targeting for the upcoming fiscal year
- Engineered an RFM clustering algorithm to identify high-value user segments, establishing a data-driven framework for future customer retention strategies

Projects

Car Rental Platform | Full-Stack Web Application - Scrum Master ([GitHub](#) | [Live Demo](#)) Aug 2025 – Dec 2025

- Architected the platform using Next.js and Implemented the API routes for all back-end logic.
- Integrated the Stripe payment gateway and developed a webhook API for transaction processing
- Performed rigorous code reviews to enhance code quality, improve maintainability, and eliminate code smells (e.g., duplicate code)
- Implemented a Continuous Integration (CI) pipeline using GitHub Actions for automated code quality checks (linting, testing, builds)
- Utilized Docker (Dockerfile, docker-compose) to standardize development environments, ensuring consistency across the 11-person team
- Tech Stack: Next.js, React, TypeScript, Supabase, PostgreSQL, Tailwind CSS, Jest, Playwright, Vercel, GitHub Actions, Docker

Technical Skills

Programming Languages: Python, SQL, Go, JavaScript, TypeScript, Java, C, C++

Web Technologies: React.js, Next.js, Vue.js, Nuxt.js, Node.js, Express.js, Tailwind CSS

Data Science & ML: PyTorch, Pandas, Matplotlib

Database & DevOps: MongoDB, Supabase, PostgreSQL, Docker, GitHub Actions

Languages: Thai (Native), English (Conversational Proficiency)

Certifications & Activities

• Multi-armed Bandit Optimization Challenge (CEM II) ([GitHub](#))

Engineered a multi-stage reinforcement learning strategy to optimize e-commerce website configurations 64 variants under a strict 1,000-query limit constraint. And Implemented Thompson Sampling and heuristic filtering using Python

• Intania Hackathon 2025 ([GitHub](#)): Developed a backend RESTful API for an educational game as part of a team, delivering a functional prototype under a 48-hour deadline.

• Certificates: HCCDA-Tech Essential (Huawei Cloud), Developing Back-End Apps with Node.js and Express (IBM), Full-Stack Development (Chula MOOC) , Object-Oriented Data Structures in C++ (University of Illinois), Ordered Data Structures (University of Illinois), Unordered Data Structures (University of Illinois)