SAKEN DIMASH

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OBJECTIVE

Motivated second-year **Computer Science** student at **CityUHK** with hands-on experience shipping production-grade **full-stack** apps and **AI features**. Led end-to-end development of **Qustar**, now live on the App Store. Eager to join a forward-thinking engineering team to leverage **full-stack** skills, learn from senior mentors, and build fast, user-centric products that solve **real-world problems**.

EDUCATION

City University of Hong Kong   Hong Kong
BS in Computer Science **CGPA: 3.24**   **September 2024 – June 2028**

Related Coursework: Computer programming, Web App development, Computational Probability

WORK EXPERIENCE

Nnenu   Hong Kong
Software Engineer Intern   **March 2025 – Present**

- Implemented a secure authorization system (**Redux**, **AWS Cognito**, **DynamoDB**) with custom UI/UX for seamless user flows reducing auth API calls by **30%** via Redux caching, improving log-in speed by **40%** through Cognito-DynamoDB optimizations, and ensuring zero downtime with serverless scaling.

- Designed & built the company's high-performance landing page using **Figma** (UI/UX) and **React** (TypeScript/TSX), rigorously optimized for efficiency and deployed via **AWS** showcasing core features & main purpose of our app with a **20%** boost in engagement while achieving near-instant load times.

- Maintained and optimized legacy codebases by debugging critical issues, refactoring inefficient components, and implementing performance enhancements, reducing runtime errors by **40%** and improving system response time by **25%**.

PROJECTS

Qustar - Bird Identification*React Native, TypeScript, Python*

- Initiated and delivered project in collaboration with the **ACBK** - Association for the Conservation of Biodiversity, designing the app to educate school children and promote eco-tourism, thereby advancing national environmental awareness and supporting sustainable tourism initiatives.

- Built and deployed a custom **HTTP server** integrating a locally hosted **BirdNET** model and **LLM** for real-time bird sound recognition, enabling users to identify bird species from audio recordings with high accuracy and low latency.

- Made comprehensive user authentication including OTP verification, personalized favorites system, user notes functionality, achievement badges, recording streaks, and daily goals to create a gamified bird identification experience that enhances user engagement and encourages consistent ornithological activities through audio recording and sound analysis features.

BudgetBuddy – Personal Finance Tracker *React, TypeScript, Tailwind CSS*

- Built a responsive budget management app by implementing transaction CRUD operations with **React and TypeScript**, enabling users to track monthly expenses with **95%** data accuracy via localStorage.

- Reduced user data entry time by **30%** through intuitive category organization and auto-summaries, visualized with custom-built charts.

- Increased accessibility and discoverability by deploying the app to a live domain with SEO optimization, achieving a **90+** Google Lighthouse SEO score.

SKILLS

Programming Languages: Python, JavaScript, React, React Native, TypeScript
Programming Tools: Expo, Node.js, GIT, GitHub, AWS

EXTRACURRICULAR ACTIVITIES

Competitive Coding Club
Solved nearly **100** questions on CodeWars and learned basic data structures and algorithms.