SAKEN DIMASH

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OBJECTIVE

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 other developers, and build fast, user-centric products.

EDUCATION

City University of Hong Kong   Hong Kong
BS in Computer Science   **09/24 - 06/28**

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

WORK EXPERIENCE

Nnenu ⬈   Hong Kong
Software Engineer Intern   **03/25 - 09/25**

- 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 landing page using **Figma** (UI/UX) and **React** (TypeScript/TSX), deployed via **AWS** showcasing core features & main purposes of our app attracting more potential users
- Enhanced location-based features by implementing intelligent map autocompletion and user bias, resolved critical **UI/UX** bugs. Developed robust user feedback system with integration of **DynamoDB** both on landing page and mobile app

PROJECTS

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

- Pioneered the first specialized ornithology tool for Central Asia, a mobile app that leverages **AI** to identify any bird species from photo and sound, directly addressing a **critical gap** in regional biodiversity research and conservation tools. Project was delievered for ACBK (Association for the Conservation of Biodiversity of Kazakhstan)
- Created an AI-powered bird photo identification system by integrating pre-trained **Vision model**, resulting in **80%+** accuracy bird species recognition with detailed information about every bird
- Built and deployed a custom **HTTP server** with locally hosted AI model for real-time bird sound recognition, enabling users to identify bird species from audio recordings with high accuracy and low latency

BudgetBuddy – Personal Finance Tracker ⬈ | *React, TypeScript, Tailwind CSS, Zustand*

- Developed a user-centric personal finance application to address the common challenge of budget management, making financial tracking accessible and intuitive for anyone
- Empowered users to make informed financial decisions by designing a dashboard with clear data visualizations of spending patterns and implementing a streamlined system for transaction entry and categorization

Product Feedback Form ⬈ | *React, TypeScript, Tailwind CSS, Vite*

- Engineered a reusable feedback management platform to solve the common challenge of collecting and organizing user suggestions, building it first for my own projects and then designing it as a tool for the wider community
- Designed a user-centric interface with React, focusing on maximizing user engagement through features like real-time voting, and advanced filtering

SKILLS

Programming Languages:	Python, JavaScript, TypeScript, C++, SQL, HTML5, CSS3,
Frameworks:	React, React Native, NodeJS, Expo
Databases:	Supabase, DynamoDB, Firebase, MongoDB, Neo4j
Other tools & Technologies:	Docker, GIT, GitHub, AWS Amplify, AWS Cognito