

Eginata Kasan

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Hurstville, NSW 2220

Frontend-focused Software Engineer with 4+ years of experience building web and mobile applications using React, React Native, and TypeScript. Experienced in developing scalable UI architectures, reusable component libraries, and responsive user interfaces across web and mobile platforms with strong background in UI/UX engineering.

PROFESSIONAL EXPERIENCE

Fullstack Developer (Part-Time)

Since May 2024

QSStudio, Sydney, Australia

- Developed web and mobile applications using React / React Native, and TypeScript in a fast-paced Agile team.
- Integrated frontend applications with backend APIs and services using Node.js and Supabase.
- Improved system visibility by integrating analytics and monitoring tools including Sentry, Mixpanel and Firebase.
- Contributed to backend microservices deployed with AWS Lambda and PostgreSQL, supporting scalable application architecture
- Added automation processes with n8n workflow

UX Engineer

October 2021 - January 2024

Nomura Research Institute Indonesia, Jakarta, Indonesia

- Developed responsive web and mobile interfaces using React, React Native, Vue, and Redux.
- Implemented animations, micro-interactions, and accessibility improvements to enhance user experience.
- Built and maintained a shared UI component library using Storybook, improving design consistency across multiple teams.
- Integrated REST APIs using Axios and data management libraries including TanStack Query and Redux.
- Contributed to code reviews, unit testing (Jest), UI QA, and frontend performance optimisation.
- Collaborated with cross-functional teams across Indonesia and Japan in Agile development environments.

Games Programmer Intern

June 2019 - August 2019

Agate Games Studio, Bandung, Indonesia

- Worked with a team to develop internal game framework components using Unity (C#) and Firebase.
- Contributed to gameplay systems and development tools using Object-Oriented Programming Principles and a MVC architecture.
- Awarded Golden Ticket distinction for performance during the internship.

EDUCATION

Master of Information Technology

February 2024 - December 2025

University of Technology Sydney (UTS)

- Awardee of UTS Postgraduate Academic Excellence International Scholarship
- Three-time nominee at UTS Tech Fest:
 - Software Engineering - iOS App Mood-based Place Recommendation made with Swift
 - Prototyping - UI Design for Virtual Pet-based Budget Tracking Mobile App
 - Game Development - 3D House Building simulator made with three.js

Bachelor of Computer Science

July 2017 - July 2021

Bandung Institute of Technology

- Dissertation on User Experience metrics in B2C e-commerce
- Captain of algorithm team for Fire-Extinguisher Robot competition of 2018

TECHNICAL SKILLS

Frontend: React, React Native, Next.js, Vue.js, Redux, TypeScript, JavaScript (ES6+)

Styling & UI: HTML, CSS, Sass, TailwindCSS, responsive design, component libraries, accessibility

Testing: Jest, Cypress

Backend & APIs: Node.js, Supabase, PostgreSQL, MongoDB, REST APIs

Cloud & Tools: AWS Lambda, AWS CDK, Firebase, Git, Storybook, Sentry, n8n

SELECTED PROJECTS

Askbella.ai - AI Powered Beauty Assistant Mobile App

React Native, Typescript, AWS CDK, AWS Lambda, Supabase

- Built a mobile application that generates personalised skincare recommendations using LLMs.
- Implemented features including camera-based product scanning, AI recommendations, and subscription management.
- Integrated AI services via AWS Bedrock and OpenAI APIs

ServoTrack - Petrol Finder & Price Tracker Mobile App

React Native, Typescript, Supabase, MongoDB

- The app finds nearest petrol station and displays prices, save user preferences and notifies on increase/decrease of these prices
- Migrated the app from MongoDB to Supabase as MongoDB reached Data API and HTTPS Endpoints end-of-life

Qash.id - Point of Sales Web App for Startup

ReactJS, Redux and Typescript

- Developed restaurant management web applications including menu, table, and admin management.
- Implemented authentication, form validation, QR code generation, and dashboard interfaces.

Document Management Website

ReactJS, Redux and Typescript

- Created a website for storing and sharing documents across users made with React and Cypress end-to-end testing
- Designed User Interface and UI kit for the website

My Next.js Portfolio Website ([link here](#))

ReactJS, Next, Typescript, Github Pages

- A Next.js portfolio site that is currently live to showcase my projects, github code available
- Self-designed to be responsive
- Currently not able to showcase details of every project, feel free to contact me for more details

CERTIFICATIONS

Google's Foundation of UX Design

Coursera

Dynamic User Experience: Dynamic and Usability

Interaction Design Foundation

Design for the 21th Century with Don Norman

Interaction Design Foundation

Mobile UX Design

Interaction Design Foundation

REFERENCES

Available upon request

EXTRACURRICULAR ACTIVITIES

Women in Engineering and IT Community

UTS Tech Society

UTS Gamer's Guild