

HAMZA KYAMANYWA

FULL STACK SOFTWARE ENGINEER 📍 SEOUL, 02841, SOUTH KOREA 📞 01098999793

◦ DETAILS ◦

Korea University
Seoul, 02841
South Korea
01098999793
untilhamza@gmail.com

Date / Place of birth
1998/10/30
Kampala, Uganda

◦ LINKS ◦

[LinkedIn](#)
[GitHub](#)
[Portfolio Site](#)

◦ SKILLS ◦

TypeScript
NodeJS
JavaScript
NextJS
React
Redux
Docker
Python
Express.js
MongoDB
Django
PHP
C++
SQL
Linux
Git
HTML & CSS
Pytorch

◦ LANGUAGES ◦

English

Korean

Luganda

◦ HOBBIES ◦

👤 PROFILE

Dedicated Software engineer with **strong academic background** and notable **working experience in a startup environment**. **Adept** in an assortment of both front-end and back-end web technologies including **ReactJS, NextJS, Python, Django , SQL and Javascript/Typescript**. In previous roles, **optimized product performance by up 57%**. Built new features, and enhanced existing ones to **drive up user satisfaction, retention and company revenue**. **Efficiently** self-managed and **collaborated** as part of a hybrid remote and in-person team. **Competent** communicator. **Superior knowledge** of data structures and algorithms.

📁 EMPLOYMENT HISTORY

FullStack Software Engineer at Slid (<https://www.slid.cc>), Seoul
June 2022 — Present

Technologies Used: Typescript/JavaScript, ReactJS, NextJS, Python, Django, SQL, HTML/CSS, Sentry, AWS, Hotjar, Chrome Extension

- **Led the development** of an advanced real-time video transcription feature that became Slid's core feature. Researched and developed initial prototype with ReactJS, NodeJS, and Google Cloud STT API. The feature received widespread acclaim from users, resulting in a **5% increase in user retention**.
- **Spearheaded the design and development** of a more reliable integrated authentication system using AWS Cognito supporting all platforms (React Web App, Chrome extension, and mobile and desktop Apps). Project addressed constant issues and resulted in significant improvement in user trust with a **98% marked decrease** in authentication issues.
- **Implemented** a novel universal exportation feature for *Slid's* note-taking product, allowing users to copy and paste their notes to external platforms with **96% accuracy** in conversion to various formats. **Delivered a highly requested** exportation feature that had previously been a limitation for Slid users, resulting in a **75% decrease** in support requests related to copy-and-paste functionality
- **Optimized the performance** of the user-facing website to achieve **57% faster loading time** using lazy loading and browser-optimized content types.
- **Delivered new user-facing features and enhanced** existing features in *Slid's* Editor **driving up user satisfaction and engagement** as evidenced by the **positive user feedback**
- **Built user-behavior** monitoring **performant** react-hooks that facilitated the collection of user data and **significantly sped up** hypothesis evaluation and generation by **35%**
- **Regularly contributed** to **open-source** projects like EditorJS upon which the company product was built

Notable Achievements

- Received the "**Slid Hero of 2022**" award for ambitious and outstanding contributions to the team
- Helped Slid team earn a nomination for **2022 East Asia EdTech 150**.
- Instrumental in growing Slid's global customer base to over **60,000 users**.
- Led team focusing on Slid's **global users**.

🎓 EDUCATION

BSc. in Electrical Engineering, Korea University, Seoul

March 2019 — February 2023

- **GPA: 4.02/4.5** (*Magna Cum Laude*)
- **Expected Graduation:** Feb 25, 2023

Related courses completed:

- Internet Programming (*KECE44600*)
- Databases (*KECE44500*)
- Data Structures and Algorithms using C++ (*KECE20803*)
- C / C++ programming (*EGRN15109*)
- Multimedia signal processing using machine learning (*KECE41800*)
- Internet law and ethics (*GESO14200*)
- Fundamentals of Data Science(*EGRN24100*)
- Computation Thinking (*GECT00100*),

Relevant coursework:

- Published thesis on utilizing model soups to improve knowledge distillation in machine learning
- Implementation of shortest route finding app using Dijkstra's algorithm
- Improving the performance of DnCNN neural network

Korean Language Course, Sunmoon University Korean Language Institute, Cheonan

February 2018 — February 2019

Achieved an advanced Korean Profeciency test score of TOPIK 5 within 8 months of learning the Korean language for the first time.

★ AWARDS AND HONORS

Korea Global Scholarships, Seoul

March 2018 — Present

The Korean Government Scholarship Program provides exceptional "non-Koreans" and "overseas Koreans (who fulfill certain criteria)" with the funding and an opportunity to conduct either undergraduate or postgraduate level studies in universities in Republic of South Korea (South Korea)

Ugandan Government Scholarship, Kampala

August 2017 — February 2018

The Ugandan Government Scholarship is a prestigious fully funded university scholarship awarded to top performing high school students in Uganda on national merit.

Korea University Academic Excellence Award, Seoul

2019

The Korea University Academic Excellence Award is presented to Korea University students who achieve an outstanding 4.5/4.5 GPA during any given semester in which the student registers for and completes at least 17 credits.

★ PERSONAL PROJECTS

ElkPro Cut, Seoul

February 2022 — December 2022

Technologies used: React, JavaScript, HTML/CSS, Firebase, Matomo Analytics

- Created web booking system for foreign Hair shop which increased sales by 35%
- Developed admin panel for the site which improved internal working efficiency
- Tracked user behavior and patterns to identify customer preferences and required improvements
- Conducted extensive unit testing using Jest to ensure system reliability and accuracy