

Kevin Hang

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EDUCATION

University of Amsterdam

Master of Science in Software Engineering, GPA: 7.89

Amsterdam, NL

Sep. 2022 – Oct. 2023

University of Luxembourg

Bachelor of Science in Computer Science, GPA: 17.3/20

Esch-sur-Alzette, LU

Sep. 2019 – July 2022

EXPERIENCE

Software Engineer Intern

CoinMart

Dec. 2023 – Present

Amstelveen, NL

- Developed and deployed a *fraud detection* machine learning model with Python, using historical data, on AWS Lambda as an accessible endpoint to predict and identify fraudulent customer transactions early.
- Developed new back-end endpoints with Java Spring Boot to efficiently manage agent customer comments, enabling data fetching and insertion into a MySQL database. Ensured seamless integration with the front end, resulting in a system now utilized daily by the finance team.
- Improved the company's financial management system front-end based on team feedback by enhancing how data is displayed and adding new useful components.

Head of IT - Software Engineer

Asian Borrel Club (Student Association)

Aug. 2023 – Present

Amsterdam, NL

- Led a team of three student developers in creating a new membership system for a student association, developing from scratch using Retool, JavaScript, Python, and PostgreSQL. This system manages more than 700 active members and automates labour-intensive processes such as sending transactional emails, and assigning unique member discount codes.
- Integrated the Mollie payment system and the SendGrid newsletter system into the student association's website using JavaScript, streamlining the membership purchase process for over 100 new members and significantly enhancing member engagement and communication.

PROJECTS

Membership Management Portal | *JavaScript, Retool, Python, REST API, Git*

Aug. 2023 – Jan. 2024

- Developed a full-stack internal tool aimed at automating membership management processes and integrating with external services (Mollie, Eventix, Sendgrid, and Mailchimp), mainly to eliminate extensive manual tasks.
- Employed JavaScript, Retool, Python, REST APIs, and OAuth 2.0 for the development of a comprehensive full-stack membership management system from the ground up.
- Successfully streamlined membership management, significantly reducing manual workload and saving the association numerous hours in member-related tasks.

Decentralized Marketplace Framework | *AWS, OpenStack, Node.js, JavaScript, HF*

April 2023 – Oct. 2023

- Extended a smart contract for a decentralized marketplace, utilizing Hyperledger Fabric, JavaScript, and Node.js.
- Integrated the blockchain solution with a private cloud using OpenStack, employing Docker for containerization within an AWS infrastructure.
- Deployed Hyperledger Fabric on a multi-host environment in AWS, as part of a project supervised by Zhiming Zhao at the University of Amsterdam.

TECHNICAL SKILLS & OTHERS

Back End Development: Python (Django, Flask), Node.js, Java (Spring Boot), REST API

Front End Development: React, Next.js, Tailwind CSS, JavaScript, HTML, CSS

Databases: PostgreSQL, MySQL, MongoDB

Miscellaneous: Strapi, OpenStack, AWS, Git, Docker, Postman, Google Analytics, GraphQL

Languages: Luxembourgish (Native), English (C1), German (C1), French (C1), Chinese (Conversational)

Certificates: AWS Academy Graduate (AWS Academy Cloud Foundations)