

Manh Ho Dinh

Back End Developer

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SUMMARY

I am an enthusiastic software engineering student with a strong passion for cutting-edge technology, particularly Artificial Intelligence. Proficient in Java, Python, Dart, and Typescript, I am continuously learning and expanding my knowledge. My projects, including a face recognition app, smart traffic solutions, and management software, showcase my creativity and problem-solving skills. Beyond coding, I enjoy reading, engaging in sports, and maintaining a healthy lifestyle.

EDUCATION

2021 - present University of Information Technology - VNUHCM (GPA: 8.5/10)
Bachelor of Software Engineering

WORK EXPERIENCE

Mobile Developer 08/2023 - 11/2023

Flutter Intern at DI4L, focused on mobile app development using Flutter, integrating RESTful API, Bloc, and Cubit. Involved in UI design, implementing new features, and optimizing app performance.

PROJECTS

HomeLand - Apartment Management 09/2023 - 12/2023

Team Leader - Fullstack developer

- Led a team of 5 members in the development process.
- Analyzed project requirements, designed the application on Figma, and wrote test plans.
- Implemented fullstack solutions using Next.js(FrontEnd), Nest.js(Backend), and PostgreSQL(Database).
- Integrated Supabase for file storage, optimized with Redis, deployed with Render and Vercel.
- Enabled Momo online payments, facilitated service feedback, and maintenance requests.
- Conducted unit testing with Jest and mutate testing with Stryker.
- Managed work progress, reviewed code pull requests, and provided support to team members.

Source: [HomeLand_FE](#) [HomeLand_BE](#)

Face Detection Application 05/2023 - 11/2023

Fullstack developer

- Developed a face detection app using Flutter and Google ML Kit, emphasizing an intuitive UI.
- Worked in a 2-member team, creating fullstack solutions with Flutter, Docker, FastAPI, and Render.
- Integrated Google ML Kit for advanced face detection functionality.
- Wrote a scientific paper submitted to a journal.
- Deployed Face Detection Application to Google Store.
- Managed work progress, reviewed code pull requests, and provided support to team members.

Google Store: [Face Detection Application](#)

CitySense - Traffic Solution Application

08/2023 - 10/2023

Team Leader - Fullstack developer

- Led a team of 4 members in the development process.
- Utilized Flutter, Firebase, YOLOv8, and Deep Sort to redefine urban mobility and traffic management.
- Integrated Google Maps APIs and Trueway for seamless navigation.
- Deployed CitySense Application to Google Store.
- Supported the team in creating datasets and pre-training models.
- Managed project progress and ensured the quality of the product output.

Source: [CitySense Application - Traffic Tracking YOLOv8](#)

Google Store: [CitySense Application](#)

Movie Ticket Application

03/2023 - 07/2023

Team Leader - Fullstack developer

- Led a team of 5 members in the development process.
- Implemented fullstack solutions, utilizing Java for the mobile app, Firebase for database.
- Utilized Cloudinary for file storage.
- Managed work progress, reviewed code pull requests, and provided support to team members.

Source: [Movie Ticket Application](#)

ACTIVITIES

AI Research Group

02/2022 - Present

UIT Together

Member of UIT Together research group focused on Computer vision and Machine learning. Supported young researchers to develop and strengthen international links, and improve scientific publishing abilities.

Game UIT Hackathon

26 - 27/11/2023

Faculty of Software Engineering - UIT

Participated in Game UIT Hackathon season 6 as a member of a 4-person team. Developed the "Plan to Earn" app with the purpose of connecting people who want to plant trees to protect the environment.

UIT Data Science Challenge

08/2023 - 10/2023

Faculty of Information Science and Technology - UIT

Participated in the UIT Data Science Challenge, a competition with 46 teams, where my team successfully developed the 'City Sense' - traffic solution application. Our project advanced to the semi-finals, securing a spot among the top 15 teams in the competition. The City Sense application aimed to revolutionize urban mobility and traffic management.

ACHIEVEMENTS

1. Student of 5 great achievements 2023
2. Toiec LR: 530