

# Zhaohan Gao

Amsterdam, Netherlands • +31657109322 • gaozhaohan22@gmail.com • github.com/ZhaohanGao • [personal website](#)

## EDUCATION

### VU Amsterdam & University of Amsterdam

Master of Computer Science

Aug 2024 - Jun 2026

Amsterdam, Netherlands

### Northeast Normal University

Bachelor of Engineering in Software Engineering

Sep 2019 - Jul 2023

Jilin, China

## EXPERIENCE

### BO5- online marketing

Software Developer (Freelance)

Help to develop and deploy the Django application

**Tech skills:** Python, Django, MongoDB, Docker, AWS

Sep 2024 - Present

Veldhoven, Netherlands (Remote)

### Jack Technology Co., Ltd

Software Develop Engineer

Zhejiang, China

Was responsible for front-end and back-end software development. Built and maintained the CI/CD pipeline.

Took part in refactoring an app. Participated in designing the app's new architecture.

Participated in upgrading the app's middleware. Migrated the data from the old server to the new server.

Upgraded the front-end tech stack of the app from JSP to Vue.js and implemented a new UI.

Developed the ETL processes for data integration and cleansing. Create reports that collect data from 6 different apps.

**Tech skills:** Java, JavaScript, SpringBoot, Vue.js, MySQL, Oracle, MongoDB, RabbitMQ, Redis, Jenkins, Docker, SVN

Jul 2023 - Jul 2024

### Covestro

IT Intern

Developed 2 low-code applications for the company.

Visualized cost savings generated by the Suggestion System application using Microsoft Power BI.

Collaborate with colleagues to deliver and operate the application.

**Tech skills:** Power BI, PowerApps, HTML, CSS

Mar 2023 - Jun 2023

Shanghai, China

## PROJECT

### Food Delivery App DevSecOps Project [Github](#)

Jul 2024

Developed a full-stack food delivery application using Node.js, React.js, and MongoDB.

Enabled customers to browse and order food directly through a user-friendly web interface.

Provided the company with tools to manage orders and control menu visibility on the platform.

Ensured application security and quality through Trivy and SonarQube.

Built Docker images of the app and pushed them to Docker Hub for deployment. Automated the CI/CD pipeline using Jenkins.

Deployed Prometheus and Grafana on AWS EC2 instances to monitor the status of the Jenkins server.

Created Kubernetes cluster by using AWS EKS. Deployed the application on the Kubernetes clusters.

**Tech skills:** Git, Node.js, React.js, AWS, Jenkins, Trivy, SonarQube, Kubernetes

### Chat App [Github](#)

May 2024

Developed an real-time chat application using the MERN stack (MongoDB, Express.js, React, Node.js).

Implemented real-time messaging functionality using Socket.io, enhancing user interaction and communication within the application.

Developed real-time online user status features using Socket.io and React Context, providing dynamic updates.

**Tech skills:** React.js, Node.js, MongoDB, Express.js, Socket.io