

YINGPING MA

☎ +46 0760072083 | 🌐 Portfolio | 💼 LinkedIn | ✉ yingping.ma2000@gmail.com | 🐙 GitHub

SKILLS & COMPETENCIES

Frontend: HTML, CSS, JavaScript, TypeScript, React, Next.js, Redux, Tailwind CSS

Backend: Node.js, Express, Flask, FastAPI, MongoDB, Prisma, Python, Jest, Postman

Cloud & DevOps: AWS, Vercel, Docker, Firebase

Tools & Misc: Git, GitHub, Webpack, Figma

Soft Skills: Problem-Solving, Continuous Learning; Adaptability, Critical Thinking; Attention to Detail, Collaboration, Self-Motivation; Teamwork, Communication, Time Management

Language: English (Fluent), Swedish (Learning), Chinese (Native)

EDUCATION

Stockholm University

Stockholm, Sweden

Master of Science in Computer and Systems Sciences (Specialization: Information Security) Aug. 2023 – Jun. 2025

Nanjing University of Science and Technology

Jiangsu, China

Bachelor of Economics and Management, Major in Accounting, Minor in Software Engineering Sep. 2018 – Jun. 2022

EXPERIENCE

Back-end Developer Intern

Dec 2024 – Present

A&E Labs OÜ

Sweden

- Develop and maintain serverless backend solutions using Firebase, enhancing performance and scalability.
- Design and implement Firebase Cloud Functions with JavaScript to support core application features.
- Collaborate with front-end teams to integrate React.js components with backend services via API endpoints.
- Refactor Firestore connections and optimize Cloud Function architecture for improved security and scalability.
- Test and debug Firebase Cloud Functions, ensuring seamless integration with front-end components for data fetching and processing using Google Cloud and Postman.

PROJECTS

Budget Tracker | Next.js, TypeScript, Prisma, Tailwind CSS, Clerk, PostgreSQL | Live Demo Feb. 2025

- Developed a full-stack budget tracker with an intuitive, responsive UI using Next.js.
- Created API routes for transaction management, including categories and historical spending data.
- Enabled category-based spending analysis to help users manage their finances effectively.
- Integrated interactive Recharts visualizations to offer insights into spending trends over time.
- Implemented secure authentication with Clerk and deployed the app on Vercel with a PostgreSQL database for reliable data storage.

Bestie Hub | Python, React, SQLite, SQLAlchemy, Flask, Chakra UI | Live Demo Mar. 2025

- Built a full-stack web application for managing friendships, utilizing Flask and SQLAlchemy for CRUD operations.
- Created RESTful API routes for managing friend data, including add, update, retrieve, and delete operations.
- Designed a responsive, user-friendly interface with Chakra UI, supporting light and dark modes.
- Followed Flask best practices, including modular imports and error handling, for robust API functionality.
- Deployed the application on Render for reliable cloud hosting.

Notes App | React, Node.js, Express, MongoDB, JWT, Tailwind CSS | Live Demo Mar. 2025

- Developed a full-stack notes application with features for note creation, editing, deletion, search, and pinning.
- Implemented JWT-based user authentication and created RESTful APIs with Express to manage note data.
- Enhanced the UI with Tailwind CSS, creating responsive layouts and reusable components.
- Added light and dark modes for improved user experience.
- Used MongoDB for data storage and integrated Firebase Cloud Functions for improved security and scalability.
- Deployed the front-end on Vercel and the back-end on Render with seamless API integration.