- Github
- josefalmasri77@gmail.com
- 0707251425
- Linkedin Profile
- Portfolio_Website
- Gothenburg, Sweden

TECHNICAL SKILLS

Programming Languages & Frameworks,
JavaScript, Python, Flutter, Node.js, Flask, Vue.js, React, Next.js,

IoT & Embedded Systems,
MQTT, Arduino,

Databases,
Firebase, SQL, MongoDB,

DevOps & Cloud Technologies,
Docker, AWS (EC2, S3, Lambda),

Version Control & Testing
Git, JUnit, Mockito

EDUCATION

Bachelor's Degree
Software Engineering and Management
University of Gothenburg

Josef Al-Masri

SOFTWARE ENGINEER

WORK EXPERIENCE

Freelance Developer, School Reward System App   Jun '23 - Present

Algebraskolan | Gothenburg, Sweden

- Developed a digital reward system app for Algebraskolan, transitioning from physical to digital coins.
- Built with Flutter and Firebase, supporting 300 users, including students and teachers, currently in active use at the school.
- Streamlined cafeteria purchases by 20% time-wise, making transactions more efficient for students and staff.
- Released the app on the App Store and Google Play, ensuring broad accessibility and ease of use.

Teaching assistant, Web development   Aug '24 - Present

Gothenburgs University | Gothenburg, Sweden

- Supported students in overcoming challenges with web development concepts, contributing to a 20% increase in students achieving higher grades.
- Provided hands-on support during lab sessions, assisting with troubleshooting and debugging, which helped students gain a stronger grasp of HTML, CSS, JavaScript, and responsive design concepts.

Fullstack developer intern   Mar '24 - Jun '24

Luday | Gothenburg, Sweden

- Spearheaded the development of a custom management tool website during my internship, leading the company's transition away from Trello.
- Leveraged Next.js, React, and Python (Flask) to build a user-friendly and efficient platform, enhancing team productivity.
- Thrived in an Agile Scrum environment, gaining practical experience in collaborative software development and agile project management.

PROJECT EXPERIENCE

Self-Driving Miniature Car Algorithm Development   Mar '24 - Jun '24

- Developed a C++ algorithm for a self-driving miniature car using AI in a collaborative team environment.
- Analyzed data and processed images with OpenCV, achieving precise steering control.
- Utilized Docker and Linux virtual environments for development and testing, ensuring compatibility and stability across platforms.
- Configured CI/CD pipelines, streamlining the development, testing, and deployment processes for efficient project delivery.

TALKLINK Chat App   Aug '23 - Oct '23

- Led the development of "TALKLINK," a cutting-edge multi-language chat application with real-time translation using the ChatGPT OpenAI API.
- Built the platform with Vue.js, JavaScript, Node.js, and MongoDB, ensuring robust performance and scalability through AWS EC2 deployment.
- Integrated JWT for secure user authentication, enhancing data protection and user trust.

Sleep Well Project   Mar '23 - Jun '23

- Developed the frontend of "Sleep Well" using Flutter, enabling seamless microcontroller integration and device connectivity through MQTT and Firebase.
- Improved sleep quality by 25% for users through enhanced connectivity and real-time data monitoring.