

# Malik Waleed Mahboob



Sweden



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## SUMMARY

Passionate software engineering graduate with a hands-on, high-energy approach, well-developed skills in Agile methodology, and an unapologetically user-focused philosophy. Proficient in Java, Python, JavaScript, TypeScript, #C, HTML, CSS, SQL Server, Bootstrap, Web API, React JS, Vue.js, Node.js, Next.js, etc. Constant learner and ability to adapt to new technologies. Possess strong communication and team management skills.

## WORK EXPERIENCE



### INTER

#### Nulink Network

03/2022 - 05/2022

Gothenburg, Sweden

Achievements/Tasks

- I have had this great exposure while working with this company as an Intern which aims best security and privacy for decentralized applications. I worked directly with their IT team and observed the way of working at the organizational level. They gave me the chance to access their source code directly from their repositories and were very open to new ideas and opinions from my side.

### Teacher Assistant

#### University of Gothenburg

03/2022 - Present

Gothenburg, Sweden

Achievements/Tasks

- I assist the Professor in teaching courses in the domain of Software Engineering & Management to first and second-year students. I conduct a continuous assessment of the student groups by reporting their weekly progress to the course responsible.

## EDUCATION HISTORY



### Bachelor's Program, Software Engineering & Management

#### University of Gothenburg, Sweden

07/2020 - Present

Gothenburg, Sweden

### International Baccalaureate

#### Katedralskolan

06/2017 - 06/2020

Gothenburg, Sweden

## RELEVANT SKILLS

- Javascript, C/C++, Java, Python, Kotlin, TypeScript, React JS, Vue.js, Node.js, HTML, CSS, Docker, MQTT, Kanban, Gitlab CI/CD, Android, UI/UX.
- IDE: Microsoft Visual Studio and Eclipse.
- Development: Software Developer, Software management, FullStack Developer.
- Experience working in Scrum-based Agile framework for planning, managing, and executing work.
- Project Management tools: Trello, Github Kanban board, GanttPro, and more.

## CORE SKILLS

- Team Player
- Leadership
- Multitasker
- Time Management Skills
- Flexibility
- Risk Management
- Quick Learner

## LANGUAGES

### English

Native or Bilingual Proficiency

### Swedish

Professional Working Proficiency

### Urdu

Native or Bilingual Proficiency

# PROJECTS

## CHAIR

[11/2022 - 01/2023]

**Role:** Developer

**Industry:** Medical Industry

**Context:** Software Innovation. in cooperation with Sahlgrenska University Hospital. It is software that will connect to the monitor ([Moberg Monitor](#)) and read the files at the same time as they are written. The outcome should be a visualization of the signals in real-time. The scope of this project reflects on understanding binary data extraction, and conversion and then visualizing it with the help of MATLAB.

**Environment:** Python, Kanban board, MATLAB

## Dentismo (Full Stack Distributive System)

[11/2021 - 01/2022]

**Role:** Developer

**Industry:** Academic Project

**Context:** We created a distributed system that allowed users to book dental appointments across the Gothenburg region. It also allowed clinics to update specifics such as availability and disturbances in real-time. The nodes used MQTT to communicate, and properties such as QoS were used to provide a robust service. The system employed software architectural styles such as Pipe and Filter to make the system modular and maintainable. The UI was designed in Adobe XD and the front end was built in Vue.js. The system also made use of SDKs and APIs such as Google Maps to provide a smooth and visually appealing user experience.

**Environment:** Javascript, Vue.js, Trello, MQTT, Figma(UI/UX), MongoDB, REST API, Google Map (API), and SDK

## Deelee (Full Stack Application)

[10/2021 - 12/2021]

**Role:** Developer

**Industry:** Academic Project

**Context:** Developed a P2P system where users have the opportunity to share special offers and deals that they have come across. It ensures ease of discovery for users looking for specific special offers in their vicinity. The system gives the users access to Word Of Mouth Marketing and visualizes it on a map so other users can easily navigate to the business.

**Environment:** Javascript, Vue.js, Trello, Figma(UI/UX), MongoDB, REST API, Google Map (API), and SDK

## CARIAD(Andriod, Mobile development)

[12/2020 - 01/2021]

**Role:** Developer

**Industry:** Academic Project

**Context:** Built a system where the user can control the Arduino-based smart car in several different ways, we then surveyed the users for their preferred control choice and measured attributes such as latency, ease of use, and upgradability. We discovered that the top feature for the users is that they can use their voice to control the car entirely. The system can have various use cases, such as automatic carts that can deliver food to tables in restaurants, which is especially relevant during an exceptional time such as the pandemic. Various autonomous features such as obstacle detection and avoidance using sensors also run in real-time while the user is controlling the vehicle.

**Environment:** Java, Arduino, Figma(UI/UX), Firebase (API), MQTT, and SDK