

# MAHMOUD MIRANI

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## INTRO

While studying at KTH, I worked part-time in We Know IT, which is an IT consultancy company. After that I worked as a developer in TeamEngine. My goal is to work at a place where I can create new digital applications and contribute to a fun office culture. Make sure to check out my personal portfolio, linked above.

## EDUCATION

### Master of Science in Engineering

Aug. 2017 – Dec. 2023

University: KTH Royal Institute of Technology

Stockholm

- Major: Interactive Media Technology
- I studied programming, algorithms, machinelearning, product development, math, physics and some economi.

## WORK EXPERIENCE

### React Developer

Jan. 2023 – Sept. 2023

Company: TeamEngine

Stockholm

- I Learned working with a DevOps workflow while developing a notifications panel in Reactjs including automated Cypress tests.
- The panel has been deployed and is currently being used by thousands of customers who responded with good feedback.

### Regional Manager

May 2021 – Nov. 2022

Company: We Know IT

Stockholm

- I learned project management as I managed 5 clients, the project with the most value was worth 450 000 SEK.
- I was a boardmember for the strategic leadership of the company, during this year, our revenue grew by 100%, from 2.5M to 5M.
- I learned Agile Software development and Scrum as I lead 5 teams, totalling 11 developers and 2 designers.
- I learned how to pitch and communicate as I contributed to sales by conducting meetings with customers.
- I started taking a more technical managerial role in the company as I wrote documentation for a standardised project plan including set phases for testing and progress reflections. This increased the quality and also reduced our debugging time.
- I wrote documentation for the IT recruitment process to help HR find suitable candidates.
- To lower the development time of each project. I introduced the idea of having an internal coding library and documentation of company standard projectstructures and techstacks. This expanded the knowledge sharing between the developers.

### Teaching Assistant

Sept. 2020 – May 2021

University: KTH Royal Institute of Technology

Stockholm

- Helped KTH students with programming and graded their projects. Learned how to communicate efficiently.

## EXTRACURRICULAR

### Boardmember in Bright at KTH

July 2022 – June 2023

Role: Head of IT

KTH

- During my year, we tripled the amount of members and we became the biggest association at KTH, landing at 1127 members. I also built a new website and ticketing system to charge attendees for our events.

### Diverse voluntary roles during my time at KTH:

Sept. 2017 – June 2023

Organisations: The chapter of Media Technology & The Chapter of OPEN at KTH

KTH

- **Project Leader for the reception:** I learned project management by recruiting a team of 50 students. Planned and coordinated a 4 week long reception for 150 newly admitted students to KTH.
- **Webmaster for the reception:** Lead a group of 4 people with the task of developing and maintaining a website for the reception of the newly admitted students. We used AWS, Flask & Reactjs for the website.
- **PR Manager in Metaspexet:** Led a group of 6 people. Our task was to market "Metaspexet 2019: Elementary", which is an interactive theater at KTH. We sold out all 460 tickets.
- **Event Manager in the Business Relations Committee:** Contacted companies in the IT/management business and planned events with them and our students. We created a total of 4 events.
- **Web Developer at Medias Branchdag:** Developed the website for the annual fair day. I worked with Reactjs and TypeScript.
- **Accountant:** I reviewed the management of the organisation "Sektionen för Medieteknik" at KTH.

## SKILLS

**Programming Languages:** Python, Java, C, HTML/CSS, JavaScript, TypeScript, SQL, Cypress

**Developer Tools:** VS Code, Google Cloud Platform, Android Studio, Firebase, Expo Go

**Technologies/Frameworks:** ReactJS, NextJS, Tailwind, Git, Cypress, WordPress, Figma

**Languages:** Swedish, English, Kurdish