

MAHMOUD ABDELAZIM

Maadi, Cairo, Egypt

+201125401805

mahmoud2011989@gmail.com

[/mahmoudabdelazim](https://www.linkedin.com/in/mahmoudabdelazim)

[/MahmoudAbdelazim](https://www.github.com/MahmoudAbdelazim)

<https://mahmoud-abdelazim.onrender.com>

EXPERIENCE

Siemens Digital Industries Software

Associate Software Development Engineer

JUN 2024 – Present

Cairo, Egypt

- Working as a full-stack engineer for Brightly Software team at Siemens Digital Industries Software.

Wind Integrated Solutions

Junior Software Engineer

JAN 2024 – MAY 2024

Cairo, Egypt

- Developed a complete request-approval process cycle for El-Nahdi organization (Saudi Arabian client), including creating Oracle SQL database schema, building RESTful APIs using ORDS, front-end pages using Visual Builder Studio, and process management using Oracle Process Cloud Service Integration.
- Contributed in development of an auto-initiated process cycle that is automatically scheduled to start at a specific time of the day and automatically expires and terminates if no action was performed.

Military Judiciary Authority

Software Developer | Mandatory Military Service

JAN 2023 – JAN 2024

- Worked on three technical projects during my one-year mandatory military service at the military judiciary authority:
- Developed a web application from scratch for handling security gates check-in by extracting visitors' information from their scanned national IDs (OCR) and authorizing their check-ins. Used Node.js, React.js, Tesseract Engine, Flask and Sequelize.
- Contributed to development of a digital investigation system that allows case-tracking, questions-answers registering and automated report generation. Used Node.js, React.js and Sequelize.
- Contributed to development and maintenance of a web app for handling faxes distribution, and archiving and sending documents across different departments in the authority. Used Python, Django, JavaScript, and SQLite.

IBM

Software Developer Intern

JUN 2022 – NOV 2022

Cairo, Egypt

- Worked in the IBM Business Process Management and Automation Team (BPM), which is a part of IBM Consulting that develops business automation applications serving various entities all over the world.
- Worked as a BPM Developer in a governmental project for the administrative prosecution in Egypt.
- Worked with BPM Cloud Pak, JavaScript, and IBM DB2.
- Participated as a back-end developer during IBM summer training using Node.js for an intelligent city project with the name of IBM Intelligent City.

Microsoft

Software Engineer Intern

JUL 2021 – SEP 2021

Cairo, Egypt

- Worked in the Data Extraction from Documents team at Microsoft Advanced Technology Lab in Egypt.
- Developed a text document-level domain classification model, a model that classifies text documents to their appropriate domains to add the domain as a feature for the machine translation model.
- First created the model from scratch using PyTorch and then fine-tuned pre-trained models (Google's BERT and XLNet).
- Implemented a web application exposing the model using Flask for evaluating the model.
- Did a final presentation for what I have accomplished and learned during my internship.

EDUCATION

Cairo university

Bachelor's degree in computer science
GPA: 3.64
Grade: Excellent with honors

SEP 2018 – AUG 2022

Cairo, Egypt

RELEVANT COURSEWORK

- Data Structures
- Algorithms
- Database Management
- Operating Systems
- Software Engineering
- Software Design
- Web Technology
- Machine Learning

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, SQL

Technologies/Frameworks: Spring Framework, Spring Boot, React.js, Node.js, Express.js

Tools/Platforms: Git, GitHub

EXTRACURRICULAR ACTIVITIES

Google Developers Student Club

Social Media Head

JUN 2020 – JUL 2021

Cairo University

- Was a core member of the founding team for GDSC in Cairo University, responsible for the social media for the club and marketing our workshops, talk and events.
- Recruited five members after team expansion to be in the social media committee, assigning them tasks, deadlines and holding regular meetings to discuss ideas, assess their work and give them feedback.

HONORS AND AWARDS

- Qualified to the Egyptian Collegiate Programming Contest (ECPC) 2022 ranking 6th out of 230 teams in the qualifications contest.
- Ranked 3rd in Cegedim Egypt Hackathon Winter 2022 out of 12 teams, where we created a full-stack website in 3 days for handling hospital bed registration for covid patients using Spring Boot and JavaScript.
- Qualified to the Egyptian Collegiate Programming Contest (ECPC) 2021 ranking 11th out of 135 teams in the qualifications contest.
- Expert ranking on CodeForces.

LANGUAGES

- Arabic
- English