

Habiba Ahmed

Software Engineer | Maadi, Cairo

habibaahmed3372@gmail.com | +201018357556 | [GitHub](#) | [LinkedIn](#)

Education

Faculty of Computers and Artificial Intelligence Cairo University

2020-2024

Bachelor of Computer Science — GPA: 3.48 - Excellent (Top 50 student)

Work Experience

Siemens EDA — Software engineering diploma

2024-present

First Gulf Solutions — Software development Intern

Aug 2023 - Jan 2024

- Worked on the design and implementation of automation systems and processes using Python and AARI, contributing to increased operational efficiency and process optimization.

EISewedy electric — Software engineering Internship

Aug 2022 - Sep 2022

- Developed backend software using .NET in C# for web APIs.
- Applied design patterns and solid principles to real-life applications.

Personal Projects

Graduation project

- Whizz smart IDE assistant is an AI-driven code co-pilot to assist developers during the software development process and boost their performance.
- Stack: **nodeJs, react, VScode extension library, Python.**

E-commerce fashion website

- Designed and implemented an online website for a local clothing brand including features like products and categories view, cart, and checkout. Implemented web APIs for services.
- Used technologies: **Java Spring boot, PostgreSQL, reactJS.**

Online payment system

- Designed and implemented software for online payment services like online wallets, card payments etc.
- Used technologies: **Java Spring boot, JavaFX, SQL, git, Agile.**

Awards and extracurricular activities

ICPC Community FCAI-CU — Trainee

2021 - Present

Solved 500+ problems.

ACM

2022 - 2023

Participated in **ECPC**.

NASA space-apps Hackathon

2021 - 2022

Won mentorship awards and people's choice awards for our educational web game.

IEEE-Cairo University

2021 - 2022

Course organizer and instructor in web development workshops.

Skills

- Strong problem-solving skills, analytical thinking, and complexity analysis.
- Experienced in Object-oriented programming, design patterns, and SOLID principles.
- Advanced knowledge of Data structures and algorithm design.
- Debugging and testing skills, Version Control Systems (Git, GitHub), Embedded C, Linux, machine learning and AI algorithms
- Experienced in C++, C#, C, reactJS, python, Java Spring boot, SQL, PostgreSQL, HTML, CSS, JavaScript, node.js, prolog, .NET.
- Soft skills: Teamwork, Presentation, Communication, Organization, Content Development, Project Management.
- Languages: English - fluent , Arabic - native