

Mohamed Alnagar

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Education

Misir Higher Institute For Engineering and Technology

Bachelor's Degree in Computer Engineering

Mansoura, Egypt

Sep. 2019 – Jul. 2024

Experience

Software Engineer Intern

Jun. 2021 – Jul. 2021

Code Case

Remote

- Implemented web development tasks using HTML, CSS, JavaScript.
- Assisted in debugging and testing to improve functionality.
- Collaborated with team to deliver tasks within deadlines.

Algorithms & Data Structures Intern

Feb 2022 – Jul 2024

Coach Academy

Remote

- Completed advanced training in algorithms, data structures, and computational efficiency.
- Solved complex challenges, strengthening analytical and critical thinking.

MERN Stack Development Intern

Jul 2025 – Dec. 2025

Information Technology Institute (ITI)

Egypt

- Awarded scholarship in Full-Stack Web Development (MongoDB, Express.js, React.js, Node.js).
- Built and deployed projects applying REST APIs, databases, and UI/UX principles.
- Worked individually and in teams using agile methodologies and Git/GitHub.

Projects

Hotel Management System | C++, OOP

Jun 2023 – Jun 2023

- Console-based system using OOP principles; modeled rooms, customers, and sales.

ICT Planning For Green Hospital | Controller, HTML, CSS, JS

May 2023 – Sep. 2023

- Developed hospital automation system with hardware control (C), smart card access, and web interface.

Campaigns Website | API, HTML, CSS, JS, Git

Sep. 2025 - Oct. 2025

- Built a platform to create, manage, and track campaigns with real-time insights.

Technical Skills

Languages: Python, C++, SQL, MySQL, JavaScript, HTML/CSS

Frameworks: Node.js, Express.js, MongoDB, Material-UI

Tools: Git, GitHub, VS Code, PyCharm, IntelliJ, Eclipse

Concepts: Object-Oriented Programming, Networking

Activities

Volunteering | GDSC – PR Team

Jun 2023 – Jun 2024

- Promoted events on social media and boosted student engagement.
- Collaborated with team to design campaigns increasing event attendance.

ENG MET Community

July 2023 – July 2024

- Guided 50+ students across 3 introductory Computer Science programming labs.

Achievements

ICPC - ECPC Regional Contest

2023 , 2024

- 45th/400+ teams (2023), 64th/500+ teams (2024).

IEEE

Aug 2023 – Aug 2023

- Developed ICT planning system for a Green Hospital project.

NASA Space Apps Hackathon

Sep. 2023 – Oct. 2023

- Competed in real-world space-related challenges, collaborating on innovative solutions.