

# Ahmed Nassar

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## EXPERIENCE

- Nokia**, Software Engineer Intern Aug 2023 – Sep 2023 | Remotely
- Led a team of **9 interns** in implementing a **Python**-based automated system for detecting and resolving code vulnerabilities, **30% reducing detection time**, and **25% enhancing security measures** resulting in a **40% increase in user engagement** and a **95% stakeholder approval**
  - Developed expertise in web development using **JavaScript**, **React.js**, and **Django**
- Banque Misr**, IT Intern Jul 2023 – Aug 2023 | Cairo, Egypt
- Assisted **20+ customers** daily with technical challenges, achieving a **90% resolution rate**, **reducing support ticket backlog by 28%**, and **maintaining a 4.7/5 satisfaction rating**.
  - Developed expertise in banking software, hardware components, and troubleshooting techniques.
- SemiColon**, Programming Instructor Jan 2023 – Aug 2023 | Cairo, Egypt
- Coached and Mentored **100 students** in CP to compete in ICPC competitions.
  - Taught **C++**, **Data Structures**, **Algorithms**, and **Problem-Solving Techniques**.
  - Conducted **20+ sessions**, and created **40+ content**, and **task sheets**.
  - led **10 coding workshops** and **2 hackathons** at Ain Shams University.

## EDUCATION

- Bachelor of Computer Science**, Modern Academy Sep 2021 – Jun 2025 | Cairo, Egypt
- GPA: 3.9/4.0

## PROJECTS

- Weather Application** 📄 Dec 2023
- Designed weather application utilizing **React** and **Material-UI**, incorporating an **open API** to retrieve real-time weather data and presenting it in a user-friendly interface.
- Database Engine** 📄 Aug 2023
- Build a **Java** database engine with expertise in table creation, tuple manipulation, **Bitmap index support**, and **SQLTerm integration**, optimizing database operations for efficiency.
- Contact Keeper** 📄 Mar 2023 – Apr 2023
- Full-stack app leveraging **ReactJS** and **Context API** for a seamless front-end experience, with **ExpressJS** and **MongoDB** for efficient back-end data management.
- University Management System** 📄 Dec 2022
- Created a **Java**-based system utilizing **OOP** and **SQL** for database, with a **Java Swing** for GUI.
  - Implemented **Data Structure & Algorithms** for retrieval of information based on name or ID.

## SKILLS

C++ • Python • Java • SQL • HTML • CSS • JavaScript • React.JS • Bootstrap • Git • TypeScript • jQuery • JUnit • Unit Testing • AWS • Linux • Agile • OOP • Databases • Data Structures • Algorithms • Operating Systems • Problem-Solving • Design Patterns

## LANGUAGES

**Arabic**  
Native

**English**  
C1 (Advanced)

**German**  
B2 (Intermediate)