Ahmed Nassar

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EXPERIENCE

Nokia, Software Engineer Intern   Aug 2023 – Oct 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 **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.

VOLUNTEERING

Open Source Community, Web Developer   Sep 2023 – present | Cairo, Egypt
- Contributed to **open-source projects**, and collaborated with experienced developers.
- **Led 5 workshops** and **organized 2 hackathons** at Ain Shams University.
- **Conducted code testing** and **bug fixing**, ensuring the delivery of high-quality software.

SemiColon, Programming Instructor   Jan 2023 – Aug 2023 | Cairo, Egypt
- **Mentored 100 students** in **Problem-Solving** to compete in ICPC competitions.
- **Delivered 20+ sessions** on **C++, Data Structures,** and **Algorithms.**
- **Developed 40+ educational content**, including materials, resources, and tasks.
- Led the recruitment process, **conducting 30+ technical interviews** for applicants.

EDUCATION

Bachelor of Computer Science, Modern Academy   Sep 2021 – Jun 2025 | Cairo, Egypt
- **GPA:** 3.9/4.0
- **Coursework:** Databases, OOP, Data Structures, Algorithms, Operating Systems Software Engineering, Web Development, Artificial Intelligence

PROJECTS

Weather Application ⬀
- Designed a weather application using **React** and **Material-UI**, integrating an **open API** for real-time weather data retrieval and user-friendly presentation.

Pizza Ordering System ⬀
- Developed a **Java**-based system using **OOP** and **SQL** for the database, and **Java Swing** for the GUI.
- Implemented **Data Structure & Algorithms** for information retrieval based on name or ID.

Database Engine ⬀   Nov 2022
- Build a **Java** database engine with expertise in **table creation**, **tuple manipulation**, **Bitmap index support**, and **SQLTerm integration**, optimizing database operations for efficiency.

SKILLS

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

Frameworks and Libraries: React.js, Bootstrap, ASP.NET, jQuery, GraphQL, Firebase

Tools and Platforms: Git, GitHub, AWS, Docker, Azure, Linux, Microsoft Office

Technical Skills: Design Patterns, Clean Code, SOLID Principles, Unit Testing

Soft Skills: Teamwork, Leadership, Problem-Solving, Communication, Analytical