

Software Engineer CV

Professional Summary

Software engineer with strong problem-solving and coding skills. Experienced in software development, system design, and algorithms with proficiency in multiple programming languages.

Skills

- Python
- Java
- C++
- Data Structures & Algorithms
- OOP
- System Design
- Software Architecture
- Git
- Agile/Scrum workflow
- Testing & Debugging

Experience

- Software Engineer | TechForward | Cairo, Egypt | Feb 2022 – Present
- Developed CLI tools and automation scripts to reduce repetitive tasks by 40%.
- Designed modules using OOP principles and patterns.
- Intern | SoftSolutions | Jun 2021 – Jan 2022
- Built algorithm visualizer to explain sorting and graph algorithms.

Projects

- Algorithm Visualizer: Python GUI tool for visualizing data structures and algorithms.
- CLI Tools: Automation scripts for file management and reporting.
- System Design Projects: Mock social media backend design including API endpoints, DB schema, and caching.

Education

- BSc in Computer Engineering | Cairo University | 2021