

CHARLIE JOHN

Computer Science Analyst

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PROFILE

Computer Science professional with 3+ years of experience designing, developing, and optimizing software solutions using modern programming languages and frameworks. Strong background in algorithms, data structures, and problem-solving with a focus on building scalable, efficient, and maintainable systems aligned with U.S. industry standards.

EDUCATION

Bachelor of Science (B.Sc.) in Computer Science

North Carolina State University

2016

NC, USA

PROFESSIONAL EXPERIENCE

Software Developer

Freelance

2022 – Present

REMOTE

- Designed, developed, and tested software applications using Python and Java, improving system performance and code efficiency by approximately 25%.
- Implemented data structures and algorithms to optimize application logic and reduce execution time.
- Debugged, refactored, and maintained existing codebases to enhance scalability and reliability.
- Collaborated with cross-functional teams to gather requirements and translate them into technical solutions.

Junior Software Developer

Freelance

2017 – 2022

REMOTE

- Assisted in developing and maintaining web and desktop applications using JavaScript, HTML, and CSS.
- Wrote clean, reusable, and well-documented code following best coding practices.
- Performed software testing, bug fixing, and performance optimization.
- Supported database operations including queries, updates, and basic optimization.

LANGUAGES

English

(C2)



TECHNICAL TOOLS

- Python (NumPy, Pandas)
- SQL Databases
- Linux / Command Line Basics
- Java / JavaScript
- Git & GitHub

PROJECTS

Software Development Project

Built a full-stack or backend-focused application implementing core CS concepts such as algorithms, APIs, and database integration.

Data Processing / Automation Project

Developed scripts to automate data processing tasks, reducing manual workload and improving efficiency.

CERTIFICATES

- Google IT Support / Data Analytics Certificate
- IBM Software Development Certificate
- AWS Cloud Practitioner