Sarah Johnson

PROFILE

An entry-level software engineer specializing in IT, software development, project management, programming, and quality assurance. Adept at collaborating with diverse cross-functional teams to technical design solutions and drive continuous improvement.

PROFESSIONAL EXPERIENCE

Software Engineer

Newark Tech Corp., Newark, NJ | May 2021 - present

- Collaborate cross-functionally with product management, engineering, and QA teams to build innovative solutions for large-scale database systems
- Perform comprehensive analysis of customer data and develop SQL queries to create reports for the software engineering team
- Support the migration from an outdated legacy system to Oracle, which included creating project documentation and troubleshooting complex technical issues

ACADEMIC PROJECTS

Web Development Project

University of Newark, Newark, NJ | January 2021 - May 2021

- Developed a mobile web application to enable users to track carbohydrate intake throughout the day in support of weight loss goals, designed the interface, diagnosed and resolved bugs, and utilized Python, Ruby on Rails, and Javascript
- Executed an academic project with a team of students to create a web application compiling a database of sample problems and strategies to aid users in learning Python

EDUCATION

Bachelor of Science in Information Technology

University of Newark, Newark, NJ September 2017 – May 2021 GPA: 3.6

Coursework

- IT
- JavaScript
- Python
- Ruby on Rails
- Software development
- Web development

KEY SKILLS

- Project management
- Quality assurance
- Software engineering
- System migrations
- Team leadership

CERTIFICATIONS

- CompTIA A+, 2021
- Certified Entry-Level Python Programmer (PCEP), 2021