

Rasoul Nikmehr

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Summary

I am a Python developer, Linux enthusiast, and SQL data analyst. I am pursuing my master's degree in computer science from the University of South Carolina, where I also serve as a teaching assistant for Java programming. I am experienced in Python and SQL and familiar with popular libraries and frameworks, such as Django, Flask, and Pandas. As a self-employed developer, I have worked on various projects involving web development, data manipulation, and database management. I enjoy learning new technologies and techniques and sharing my knowledge with others. I am passionate about Linux, DevOps, containerization (Docker, Kubernetes), and cloud computing platforms (Azure and AWS)

Education

University of South Carolina

Columbia, SC

- M.A in Computer Science
January 2022 - Expected Graduation: December 2024
- Relevant Coursework:
 - Algorithmic Design I and II, Advanced Programming Techniques, Data Structures and Algorithms, Database System Design, Computer Architecture

Work Experience

Azure Engineer

Self.

Jan 2024 - Present (3 months)

- Developed ASP.NET Core web apps hosted on Azure
- Completed standalone projects, gaining hands-on experience in C# and ASP.NET.
- Explored containerization by migrating web apps to Azure container instances.
- Enhanced proficiency in Azure services for cloud-native app development.

Python Developer

Freelance

Jan 2022 - Present (2 years 3 months)

- Skilled and self-motivated Python developer
- Experienced in Python programming language and its core concepts.
- Strong understanding of fundamental programming principles and syntax.
- Familiarity with popular Python libraries and frameworks.

SQL Data Analyst

Freelance

Jan 2022 - Present (2 years 3 months)

- Skilled and self-motivated SQL database analyst
- Experienced in SQL language, including query optimization, data manipulation, and database management.

Technical Skills

- Programming Languages: Python, Java (including object-oriented design)
- Statistical Analysis and Data Visualization: SAS, RStudio
- Database Management: SQL

Interests

- Exploring Programming applications in scientific contexts, with a focus on software development
- Delving into Machine Learning and Artificial Intelligence for scientific research and data interpretation
- Engaging in Data Analysis and Coding Projects for continuous skill development
- Developing an interest in Cyber Security for data protection in scientific computing