

Violet Rodriguez

Senior Software Developer | Python Specialist

✉ Email 🔗 linkedin.com 📍 Charlotte, North Carolina

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SUMMARY

With over 7 years of experience as a Python developer and proficiency in related frameworks, I am enthusiastic about crafting efficient solutions. My database redesign project improved efficiency by 30% and I brought a new predictive analysis tool to life with a sales forecast improvement of up to 40%.

EXPERIENCE

Software Developer

IBM 📅 2018 - 2021 📍 Charlotte, NC

Senior level Python developer working on diverse and challenging projects

- Developed an efficient transaction module, reducing processing time by 25%
- Collaboratively contributed to the development of a new predictive analysis tool, improving sales forecast accuracy by 40%
- Revamped the entire database system resulting in 30% improvement in functionality and efficiency

Python Developer

Oracle 📅 2016 - 2018 📍 Charlotte, NC

Worked on backend infrastructure and API deployment

- Integrated 10+ data sources into single information management system
- Successfully built 15+ server APIs for enhanced mobile application communication
- Initiated the shift towards microservice architecture, ensuring 99% uptime

Junior Software Developer

Cisco Systems 📅 2014 - 2016 📍 Charlotte, NC

Worked on front-end and back-end development tasks

- Helped prioritize and implement 50+ client feature requests within the set deadline
- Contributed to redesigning user-facing elements leading to 15% increase in user engagement
- Developed 5 new back-end components streamlining system operations

EDUCATION

Master's Degree in Computer Science

University of North Carolina at Charlotte

📅 2012 - 2014 📍 Charlotte, NC




Bachelor's Degree in Computer Engineering

North Carolina State University 📅 2008 - 2012 📍 Raleigh, NC

LANGUAGES

English Native ●●●●●

STRENGTHS

-  **Detail-Oriented**
Able to catch bugs in code before deployment, resulting in 20% less testing time.
-  **Team Player**
Collaborated with cross-functional teams to achieve 100% project completions.
-  **Problem Solving**
Resolved software crashes, reducing downtime by 30%.

SKILLS

Python Django Flask Pyramid

Multi-process Architecture

Server-side logic Database Integration

API Building Testing Tools

Microservice Architecture

CERTIFICATION



Advanced Python Programming

Course provided by Coursera helped finetune my Python abilities.

Developing Scalable Apps in Python

Google Cloud Training course focused on Constructing scalable Python apps.

INTERESTS

-  **Data Analysis**
Always enjoyed practicing my coding skills with various programs.
-  **Outdoor Activities**
Balance out my screen time with hiking and canoeing.