

Amelia Miller

Python Developer | Backend Specialist | Django Enthusiast

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SUMMARY

Accomplished Python Developer offering 10 years of rich experience spearheading Django projects, automated scripts development & efficiency optimization. Proven expertise in Python, Django, PostgreSQL, Docker, Jenkins, and Azure DevOps. Excited to bring my unique expertise to solve complex backend challenges.

EXPERIENCE

Present

Jacksonville, FL

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Python Backend Developer

McKinsey & Company

Experienced Backend Developer leading the development and maintenance of Django projects

- Developed and maintained over seven large scale Django projects leading to a 98% uptime
- Devised and executed Python automated scripts that improved efficiency by 50%
- Cross-examined Docker containers resulting in a 30% decrease in runtime errors in applications

Date period

Jacksonville, FL

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Software Engineer

IBM

Utilized Python and related frameworks for software development.

- Implemented Python libraries (Pandas, Numpy) in various project applications leading to 20% improved processing times
- Conducted efficient API testing using Dredd ensuring 100% coverage
- Managed SVN versions in Azure DevOps, successfully handling merging and branching scenarios for release

Date period

Jacksonville, FL

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Backend Developer

Accenture

Developed and deployed web applications using Python and Django.


- Incorporated CICD pipelines with Jenkins and Mesos ensuring seamless deployment of new features
- Undertook Unit testing using Pytest, increasing code coverage by 65%
- Maintained code quality with the PEP8 Lint Standard reducing debugging time by 30%

STRENGTHS




Problem-solving

Adept at understanding complex project requirements and formulating effective solutions, as evidenced by 30% decrease in runtime errors.



Team management

Excel in leading teams to achieve project goals, particularly during my stint at McKinsey handling seven large-scale projects.



Efficiency focused

Proven ability to automate existing systems leading to 50% improvement in task efficiency.

EDUCATION

2008 - 2010

Atlanta, GA

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Master's Degree in Computer Science

Georgia Institute of Technology

2004 - 2008

Gainesville, FL

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Bachelor's Degree in Computer Science

University of Florida

SKILLS

Python 3.8

Django 2.2

PostgreSQL

Docker

Jenkins

Apache Mesos

Azure DevOps

Jinja 2

Pandas

Numpy

PEP8

Dredd

Pytest

CERTIFICATION

Python for Data Science

Online course from IBM diving deep into Python libraries like Pandas and Numpy.

Docker for Developers

Comprehensive course from Linux Academy that provided a thorough understanding of containerization.

PASSIONS

✓ Coding Challenges

Challenges are a perfect blend of problem solving and learning new programming constructs.

🏆 Teaching

Enjoy sharing knowledge and have proudly mentored three junior developers.

LANGUAGES

English
Native

