Michael Johnson
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Professional Summary
Highly experienced Senior Python Developer with over 7 years in designing and deploying complex web applications and data-driven solutions. Expertise in Python frameworks, cloud services, microservices architecture, and leading development teams to deliver high-quality software products.

Technical Skills

- **Languages:** Python, JavaScript, Go
- **Frameworks:** Django, Flask, FastAPI, Celery
- **Databases:** PostgreSQL, MySQL, Redis, Elasticsearch
- **Cloud Platforms:** AWS, Azure, GCP
- **Tools:** Docker, Kubernetes, Git, Jenkins, Terraform
- **Other:** Microservices architecture, DevOps, Agile/Scrum, CI/CD, Security Best Practices

Professional Experience
Senior Python Developer
Innovative Tech Solutions, San Francisco, CA
August 2017 – Present

- Architected and developed scalable microservices using Python and FastAPI, handling millions of requests per day.
- Led a team of 5 developers, mentoring junior staff and conducting regular code reviews to maintain high coding standards.
- Designed and implemented CI/CD pipelines using Jenkins and Docker, reducing deployment times by 50%.
- Integrated cloud services (AWS Lambda, S3, RDS) to enhance application performance and reliability.
- Spearheaded the migration of legacy systems to modern Python-based architectures, improving system maintainability.

Lead Python Engineer
Digital Cloud Systems, San Francisco, CA
May 2014 – July 2017

- Developed complex data processing pipelines using Python and Celery, ensuring efficient task management.
- Collaborated with cross-functional teams to define project requirements and deliver robust solutions.
- Implemented security protocols and best practices, safeguarding sensitive user data.

Projects
Real-Time Analytics Platform

- Designed a real-time analytics system using Python, Elasticsearch, and Kibana, enabling data visualization for end-users.
- Implemented data ingestion pipelines with Apache Kafka and Python, ensuring high throughput and low latency.

Machine Learning Integration

- Integrated machine learning models into production environments, leveraging Python libraries like TensorFlow and scikit-learn.
- Automated model training and deployment processes, enhancing predictive capabilities.

Education
Master of Science in Computer Science
Stanford University, Stanford, CA
Graduated: May 2014

Bachelor of Science in Computer Science
University of California, Berkeley, CA
Graduated: May 2012

Certifications

- Certified AWS Solutions Architect
- Professional Scrum Master (PSM I)