

EXPERIENCE

Facebook

October 2019 - Present

Lead Software Engineer, Python

Engineered a multi-faceted authentication system using Python, enhancing system security and reducing unauthorized access incidents by 90%.

Directed a team of 6 Python developers in the creation of a distributed task queuing system with Celery, which improved task processing efficiency by 40%.

Spearheaded the adoption of GraphQL APIs to facilitate more flexible data retrieval, resulting in a 30% decrease in front-end load times.

Initiated and led a monthly peer-review process that improved code quality by enforcing PEP 8 standards, minimizing code smells by 60%.

Instituted a continuous integration/continuous deployment pipeline using Jenkins and Python scripts, improving deployment frequency by 100%.

Coached.com

July 2016 - September 2019

Software Developer, Python

Implemented a full-text search feature using Elasticsearch and Python, increasing data accessibility and improving search query response time by 35%.

Collaborated on the development of a serverless architecture using AWS Lambda and Python, resulting in a 30% reduction in infrastructure costs.

Dropbox

May 2014 - June 2016

Associate Software Developer

Assisted in the migration of legacy systems to Python 3, which streamlined development workflows and reduced maintenance overhead by 20%.

Contributed code to core projects using Python, receiving commendation for impeccable adherence to object-oriented design principles.

EDUCATION

Resume Worded Institute

May 2018

Master of Science in Computer Science

Capstone project on distributed computing awarded 'Best In Class'

Resume Worded University

June 2014

Bachelor of Engineering - Computer Science

Graduated with Cum Laude honors

Part-time studies during initial career years

SKILLS

**Core Programming:** Python (Expert), Java (Intermediate), C++ (Intermediate), SQL (Advanced), JavaScript (Intermediate), Bash (Intermediate)

**Frameworks & Libraries:** Django (Expert), Flask (Expert), React (Intermediate), Node.js (Intermediate), Pandas (Advanced), NumPy (Advanced)

**Development Tools:** Git (Expert), Docker (Advanced), Jenkins (Advanced), Kubernetes (Intermediate), Selenium (Intermediate), JIRA (Advanced)

**Databases & Cloud Services:** MySQL (Advanced), PostgreSQL (Advanced), MongoDB (Intermediate), AWS (Advanced), GCP (Intermediate), Azure (Intermediate)

OTHER

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**Certifications:** Certified Kubernetes Administrator (2021), AWS Certified Solutions Architect (2019)

**Continuing Education:** Advanced Machine Learning Specialization, Resume Worded Institute (2020), Data Structures and Algorithms Specialization, Resume Worded Institute (2019)

**Awards:** Facebook Champion Programmer Award (2020), Coached.com Innovator of the Year (2017)

**Open Source Contributions:** Contributor to pandas (v1.0 release), Maintainer of open-source machine learning repository on GitHub with 1K+ stars