Aaron E Demeo

📍 Seattle, WA | ✉@ AaronEDemeo@domain.com

| 📞 (555) 123-4567 | LinkedIn

| GitHub

Professional Summary

Results-driven Senior Python Developer with 7+ years of full-stack development experience building scalable, cloud-native applications using Python, FastAPI, React, and PostgreSQL. Strong expertise in containerization (Docker, Kubernetes), CI/CD pipelines, and microservices architecture. Adept at mentoring junior developers and driving high-quality code standards in agile environments.

Technical Skills

Languages: Python, TypeScript, JavaScript (ES6+), SQL

Frameworks: FastAPI, React, Django, Flask

Databases: PostgreSQL, Redis, MongoDB

DevOps & Cloud: Docker, Kubernetes, AWS (ECS, S3, Lambda), GitHub Actions, Jenkins

Architecture: RESTful APIs, Microservices, GraphQL

Tools & Libraries: Pandas, NumPy, pytest, Jest, Celery

Others: CI/CD pipeline development, Message Queues (RabbitMQ, Kafka), Agile/Scrum

Professional Experience

Senior Python Developer

TechNova Solutions – Seattle, WA

Jan 2021 – Present

Led the design and development of RESTful and GraphQL APIs using FastAPI, improving system performance by 30%.

Architected and deployed microservices on Kubernetes, increasing scalability and fault tolerance.

Integrated PostgreSQL and Redis caching, reducing API response time by 40%.

Implemented CI/CD pipelines using GitHub Actions and Docker, enabling automated testing and deployment.

Collaborated with React front-end team to deliver responsive, modern UIs using TypeScript.

Mentored 4 junior developers, establishing best practices for clean code and testing (pytest, Jest).

Python Developer

DataCraft Technologies – Portland, OR

Mar 2018 – Dec 2020

Developed internal analytics dashboards using React and FastAPI, handling over 500K daily API requests.

Designed database schemas and optimized PostgreSQL queries for performance and scalability.

Built containerized services using Docker and managed orchestration with Kubernetes.

Integrated AWS services (S3, Lambda) for cloud storage and event-driven automation.

Contributed to CI/CD automation and implemented API unit/integration tests using pytest.

Full Stack Developer

BlueArc Systems – Remote

Jan 2016 – Feb 2018

Created full-stack applications using Python (Flask) and React, improving feature delivery speed by 25%.

Built reusable RESTful APIs, automated testing, and API documentation.

Deployed apps using Docker Compose, ensuring consistent environments across development and production.

Education

Bachelor of Science in Computer Science

University of Washington – Seattle, WA (2015)

Certifications

AWS Certified Developer – Associate

Kubernetes Application Developer (CKAD)

Python Institute PCEP Certification

Projects

1. Cloud-Native Data Platform – Architected a microservices platform using FastAPI, PostgreSQL, and RabbitMQ for real-time data processing.

2. CI/CD Automation System – Built automated deployment pipelines with GitHub Actions and Docker, cutting release time by 50%.

3. Developer Mentorship Program – Designed onboarding and training modules for junior Python engineers.