



Desmond Yu

Staff

CONTACT INFORMATION

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 Brattleboro, VT 12345

EDUCATION

- BS in Computer Science
Champlain College
Burlington, VT | 2010 – 2014

KEY SKILLS

- Python
- Django
- FastAPI
- Docker
- REST API Design
- OAuth2 and JWT
- Agile/Scrum Methodology
- PyTest
- PostgreSQL
- Linux
- CI/CD Pipeline Automation

ABOUT ME

Bringing 12 years of experience in Python, Django, FastAPI, and CI/CD pipeline automation, with a PCEP Certified Entry-Level Python Programmer credential. Mentored 11 junior and mid-level engineers through code reviews and pair-programming, with 5 earning promotions within 18 months. Strengthened application security across two organizations by implementing OAuth2 token rotation policies and auditing JWT validation logic.

PROFESSIONAL EXPERIENCE

Staff Python Developer | Windham Ridge Software, Brattleboro, VT

2021 – Present

- Mentored 7 junior and mid-level engineers through weekly code reviews and pair-programming sessions, with 5 earning promotions within 18 months.
- Implemented OAuth2 token rotation policies and automated dependency scanning in GitLab CI pipelines over a 14-month period.
- Reduced automated pipeline setup time from 26 days to 8 days by creating reusable Jenkins templates and Docker base images for 4 internal service teams.
- Supervised a team of 7 developers and 2 QA technicians, establishing performance standards that cut average code-review turnaround from 3.4 days to 1.2 days.
- Defined the technical roadmap for a Django and FastAPI migration, completing the transition of 3 legacy services in 47 days with zero unplanned outages.

Senior Python Developer | Green Mountain Code Works, White River Junction, VT

2017 – 2021

- Audited JWT validation logic across 5 microservices and patched exposed token-refresh endpoints within 72 hours of discovery.
- Shortened automated pipeline setup time for new projects from 19 days to 11 days by standardizing Docker Compose configurations and PostgreSQL seed scripts.
- Mentored 4 junior developers on REST API design patterns, reducing their average pull-request revision count from 6 rounds to 2 rounds per feature.
- Modified an internal Flask monitoring dashboard to support new hardware telemetry feeds, completing the upgrade in 13 days with no data loss.

Python Developer | Connecticut River Analytics, Keene, NH

2014 – 2017

- Reduced automated pipeline setup time for a new data-processing service from 22 days to 14 days by scripting Jenkins job configurations and Git branch policies.
- Determined system performance standards for a Django REST API serving 1,740 concurrent users, maintaining average response times under 420 milliseconds.
- Adapted existing Python scripts to interface with a new PostgreSQL cluster, completing the migration of 310,000 records in 6 hours.

CERTIFICATIONS

- PCEP Certified Entry-Level Python Programmer, Python Institute, 2016