





# John Doe

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## Professional Summary

Detail-oriented and results-driven **Python Developer** with 3+ years of hands-on experience in designing, developing, and deploying scalable backend systems and APIs. Proficient in Python frameworks such as **Django**, **Flask**, and **FastAPI**, with a strong understanding of **RESTful services**, **database design**, and **cloud deployment** (AWS). Passionate about clean code, automation, and delivering high-quality solutions in agile environments.

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## Technical Skills

**Languages:** Python, JavaScript, SQL, Bash

**Frameworks:** Django, Flask, FastAPI

**Web Technologies:** REST APIs, HTML5, CSS3, JavaScript, Jinja2

**Databases:** PostgreSQL, MySQL, SQLite, MongoDB

**DevOps & Tools:** Git, Docker, Jenkins, GitHub Actions, Nginx, Gunicorn

**Cloud & Hosting:** AWS (EC2, S3, Lambda, RDS), Heroku, DigitalOcean

**Testing:** PyTest, UnitTest, Postman, Swagger

**Data Handling:** Pandas, NumPy, JSON, CSV

**Others:** Linux, Agile/Scrum, VS Code, Jira, Celery, Redis

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## Professional Experience

### Python Developer

**ABC Tech Solutions, New York, NY (Remote)**

*August 2022 – Present*

- Developed and maintained scalable web applications using **FastAPI** and **PostgreSQL**.
- Built RESTful APIs for mobile and web applications; implemented authentication using JWT.
- Led a microservices migration from a monolithic Django app, improving scalability and maintainability.

- Integrated third-party APIs (Stripe, Twilio, Firebase) for payment, notifications, and analytics.
- Automated deployment pipelines using **Docker**, **GitHub Actions**, and **AWS EC2**.
- Optimized database queries and caching with Redis to improve app performance by 30%.

**Tech Stack:** Python, FastAPI, PostgreSQL, AWS, Docker, Redis, GitHub Actions

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## Backend Developer (Python)

### InnovaSoft Technologies, Boston, MA

*June 2020 – July 2022*

- Designed and developed backend features for client-facing web apps using **Django**.
- Developed RESTful APIs for internal use and external clients; improved response time by 40%.
- Implemented role-based access control and user authentication using Django's built-in auth.
- Created data analysis scripts using **Pandas** and **NumPy** to process large CSV files for reporting.
- Wrote unit and integration tests using **PyTest**, maintaining over 90% test coverage.
- Collaborated in Agile teams, participated in daily scrums, sprint planning, and code reviews.

**Tech Stack:** Python, Django, MySQL, Pandas, PyTest, Git, Jenkins, Jira

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## Projects

### Smart Inventory API (Personal Project)

- Developed a RESTful inventory management API using **Flask** and **SQLAlchemy**.
- Implemented user authentication and CRUD operations.
- Deployed on **Heroku** with CI/CD via GitHub Actions.  
[GitHub Repo](#)

### Weather Dashboard

- Built a dashboard using Python + Flask + OpenWeatherMap API to show real-time weather stats.
  - Containerized using Docker and deployed to AWS EC2 instance.
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## Education

## **Bachelor of Science in Computer Science**

University of California, San Diego

*Graduated: 2020*

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### **Certifications**

- AWS Certified Developer – Associate (2024)
  - Python for Everybody – Coursera (2021)
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### **Soft Skills**

- Strong problem-solving mindset
- Team player and collaborative communicator
- Self-starter with high attention to detail
- Agile development & time management