Priya Bhavani Shankar

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# Professional Summary

Experienced Python Developer with over 8 years of expertise in full-stack web development, API design, cloud integration, data engineering, and automation. Proficient in designing scalable systems, optimizing performance, and leading cross-functional teams. Strong hands-on experience in frameworks like Django and Flask, cloud platforms like AWS and Azure, and data tools like Pandas, NumPy, and SQL. Adept in Agile development, DevOps, and CI/CD pipelines. Proven ability to deliver clean, production-grade code across startups and enterprise-level applications.

# Experience

#### **Lead Python Developer**

**TechNova Solutions – Bangalore**  
Jul 2022 – Present

* Leading a team of 6 Python developers in building cloud-native backend services using Django and FastAPI.
* Architected a scalable microservice structure for a logistics platform, reducing downtime by 30%.
* Integrated AWS Lambda functions with S3 and RDS for serverless data processing.
* Automated report generation using Pandas and sent daily email alerts via SMTP.

#### **Senior Software Engineer (Python)**

**SkyVision Pvt Ltd – Hyderabad**  
Jan 2020 – Jun 2022

* Designed REST APIs using Flask and FastAPI for a medical appointment booking system.
* Developed authentication modules using JWT, OAuth2, and implemented role-based access control.
* Worked on PostgreSQL optimization and designed indexed tables to improve query performance.
* Built CI/CD pipelines using Jenkins and Docker, decreasing deployment time by 40%.

#### **Full Stack Python Developer**

**UrbanDigitals – Pune**  
May 2018 – Dec 2019

* Built and deployed e-commerce platform backend using Django Rest Framework.
* Collaborated with frontend team using React.js to develop dynamic dashboards.
* Created data export tools for CSV/PDF report generation.
* Implemented PayPal and Razorpay integration for payment processing.

#### **Software Engineer (Python)**

**Innovacode Technologies – Mumbai**  
Feb 2016 – Apr 2018

* Developed automation scripts for internal auditing tools using Python and BeautifulSoup.
* Set up data pipelines for financial reporting with Pandas and MySQL.
* Managed Linux-based server configuration and GitHub version control.

#### **Python Developer (Intern → Junior Dev)**

**NextGen Apps – Remote**  
Jan 2015 – Jan 2016

* Assisted in maintaining Django modules for inventory management.
* Handled basic debugging and wrote unit tests for database modules.
* Participated in code reviews and sprint demos.

# Major Projects

**1. Smart Resume Matcher** – NLP & ML based resume scoring system

* Technologies: Python, spaCy, scikit-learn, Flask, PostgreSQL
* Extracted entities from resumes and matched them with job descriptions.
* Integrated scoring logic to rank candidates based on skill relevance.

**2. IoT Device Monitoring Dashboard** – Real-time metrics display for smart homes

* Built backend in FastAPI; data streamed from sensors via MQTT broker.
* Frontend in React; charts updated with WebSocket connections.

**3. Automated Stock Data Scraper**

* Scraped real-time data from financial websites using Selenium and BeautifulSoup.
* Stored historical data in PostgreSQL; visualized trends using Matplotlib.

# Technical Skills

* **Languages:** Python, JavaScript, Bash, SQL, TypeScript
* **Web Frameworks:** Django, Flask, FastAPI, Express.js
* **Frontend:** React.js, HTML5, CSS3, Bootstrap
* **Databases:** PostgreSQL, MySQL, MongoDB, Redis
* **DevOps/Cloud:** AWS (EC2, Lambda, S3), Azure, Docker, Jenkins, GitHub Actions
* **Data Tools:** Pandas, NumPy, Matplotlib, Apache Airflow
* **Others:** RESTful APIs, Microservices, Web Scraping, Agile/Scrum

# Education

**Bachelor of Engineering in Computer Science**  
University of Mumbai, India  
*2010 – 2014*

# Certifications

* AWS Certified Developer – Associate
* Certified Django Developer – Eduonix
* Azure Fundamentals (AZ-900) – Microsoft
* Advanced Python Programming – Udemy
* Python for Data Science – Coursera

# Open-Source Contributions

* Contributor to FastAPI GitHub discussions
* Published 10+ Python snippets on GitHub Gist
* Contributor to a Django-based CRM open-source project

# Professional Development & Soft Skills

* Team leadership and mentoring
* Excellent verbal and written communication
* Strong documentation and code commenting skills
* Problem-solving and logical thinking
* Agile & Scrum team collaboration