

JOB OBJECTIVE

Python Developer specializing in Web Application Development. Skilled in web frameworks i.e., Flask, micro-services architecture, REST APIs, and containerization. Targeting a challenging opportunities in Python Development within the IT industry, with a preference for roles in Bangalore and remote opportunities.

CONTACT

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EDUCATION

- Reva Institute of Technology and Management, Bengaluru B.E in Computer Science (2014 - 2018)

CORE COMPETENCIES

- Web Development
- Micro-service Architecture
- RESTful Web Services
- Database Management
- Agile Methodologies
- Python Scripting
- Project Management
- Quality Assurance
- Risk Management
- Data Analysis

TECHNICAL SKILLS

- Web Framework: Python Flask, Micro-services Architecture, REST APIs
- Containerization: Docker, Kubernetes
- Front-End Development: HTML, CSS, JavaScript
- Version Control: Git, GitHub
- Cloud Technologies: AWS EC2, S3, Lambda

PERSONAL DETAILS

Date of Birth: July 26th, 1996
Languages Known: English, Kannada & Hindi
Address: 98/5, 3rd Main 4th Cross, Maruthi Nagar, Yelahanka, Bangalore - 560064

K V Vinay Kumar

PROFILE SUMMARY

- Possess 5.8 years of experience in Python Web Application Development & Database management systems.
- Currently acting as a Technical Lead at Relevance Lab, contributing to the Standard Custody project for Polysign.
- Skilled in web application development framework Flask, microservices architecture, REST APIs, and containerization technologies like Docker and Kubernetes.
- Proven track record of implementing new modules, integrating with blockchain networks, and conducting comprehensive testing to ensure system reliability.
- Proficient at front-end development and cloud technologies, with a focus on AWS EC2, S3, and Lambda.
- Strong understanding of software development methodologies, particularly Agile and Scrum.
- Dedicated to writing clean, maintainable, and efficient code with a focus on best practices.
- Experience in unit testing (e.g., pytest) and ensuring high code quality through continuous integration.

WORK EXPERIENCE

Technical Lead L3,
Relevance Lab **August 2021 - Present**
Project Name: Standard Custody
Client: Polysign

Responsibilities:

- Design and build a highly secure, scalable flask application for financial institutions to manage their digital assets.
- Extend the platform with advanced features like seamless crypto transfers and sophisticated address management. Utilize Micro-services architecture and Celery for efficient task handling and flexible scaling.
- Write comprehensive tests (using Pytest) to ensure code quality and system stability before and after each new feature.
- Troubleshoot bugs and optimize the system's performance by refining SQL queries, database design (with SQLAlchemy and Alembic), and overall code efficiency of the database system.

Software Consultant,
Capgemini **July 2018 - August 2021**
Project Name: EHV (Endpoint Health Validation)
Client: General Electric (GE)

Responsibilities:

- Developed the EH Monitor, a Windows application deployed on GE-owned machines to run compliance reports and push results to the server.
- Played a key role in the creation of the EH Manager using Flask, a web application that provides leadership with immediate access to compliance reports and interactive dashboards.
- Designed Python ETL scripts to securely process and move encrypted log files from the EH Monitor to a MySQL database. This Includes the implementation of RESTful APIs for efficient data transfer.
- Implemented a standalone Windows app(.exe) with custom deployment scripts, enabling effortless installation across GE's diverse computing landscape without dependencies.

CERTIFICATIONS

- Oracle Database SQL Certified Associate

SOFT SKILLS

- Analytical
- Time Management
- Communicator