

SUHAS G

AI/ML and Full-Stack Developer



✉ suhas.belindo@gmail.com ☎ +91 9900910025 💻 linkedin.com/in/suhasbelindo

🔗 {'url': 'github.com/suhas-crypto'} 🔗 {'url': 'www.credly.com/users/suhas-g.'}

PROFILE

Accomplished software developer with over 3.5 years of experience as a Junior Programmer, Data Science Intern, and Application Development Associate, specializing in full-stack and data-driven solutions across AWS and GCP cloud platforms. Proven ability to optimize enterprise workflows, deploy secure and scalable cloud solutions, and implement real-time AI-powered applications leveraging Python, Java, SQL, REST APIs, Docker, ReactJS, and NodeJS. Expert in automating government and enterprise processes, achieving up to 40% efficiency gains, and deploying robust production systems with advanced error-handling and CI/CD pipelines. Collaborates effectively with cross-functional teams to deliver measurable results in automation, security, and machine learning.

EXPERIENCE

Junior Programmer

June 2024 - Present

360 Degree Facility Management Solutions (OPC) Pvt Ltd

- Developed and maintained automated test scripts for a government workflow platform using PyTest, with plans to integrate Playwright and Selenium for comprehensive end-to-end UI and API automation testing, ensuring high reliability across HR and procurement modules.
- Advanced security features, including two-factor authentication and digital key signatures, reducing unauthorized access by 40% and verification times by 30%, while automating procurement approval by 35% and enhancing operational efficiency by 25%.
- Leveraged scalable containerized cloud infrastructure, RESTful APIs, and CI/CD pipelines for seamless communication and updates, demonstrating expertise in autonomous agent design, reinforcement learning, and production-grade AI deployment to drive digital transformation in government agencies.

Application Development Associate

Sep 2021 - Aug 2022

Accenture

- Designed and developed ETL processes using Ab Initio, optimizing data ingestion and processing speeds by 40% while ensuring 95% data quality through complex transformations and workflow automation.
- Implemented robust error-handling and logging frameworks, scheduled ETL jobs with Autosys, and integrated workflows with enterprise systems to maintain reliable, scalable data pipelines.

INTERNSHIP EXPERIENCE

Data Science Intern

Oct 2022 - Sep 2023

AI Variant

- Developed a Random Forest-based AI agent forecasting gold prices with high accuracy (MSE 0.0025, MAE 0.04), reducing data preparation time by 30% and enabling real-time trading via REST API.
- Built a semi-autonomous drug recommendation agent using LightGBM and NLP, improving healthcare decision accuracy by 25% and supporting 1,000+ daily users through an interactive web app.

NOTABLE ACHIEVEMENTS

- ✓ Engineered advanced security features, reducing unauthorized access by 40% and accelerating procurement approval by 35%, leading to 25% operational efficiency gains.
- ✓ Developed a Random Forest-based AI agent that accurately forecasts gold prices, reducing data preparation time by 30% and enabling real-time trading.
- ✓ Optimized ETL processes, increasing data ingestion and processing speeds by 40% and ensuring 95% data quality.
- ✓ Architected and deployed scalable microservices using Python Flask/Fast API and YOLOv3 for real-time object detection with 99.5% image processing accuracy.

PROJECTS

AI Powered Multi-Agent RAG Platform for Facility Management

Technologies: Python, Fast API, Docker, Lang Graph, Crew AI, Hugging Face, Sentence-Transformers, FAISS

- Built an enterprise-scale Retrieval-Augmented Generation (RAG) system to automate document processing, data extraction, and workflow approvals for facility management.
- Architected multiple modular AI agents using Lang Graph & Crew AI for document ingestion, vector embedding, contextual retrieval, compliance validation, and approval orchestration.
- Integrated LLMs (Hugging Face, Sentence-Transformers) with FAISS vector search for accurate, context-aware answer generation and automation of routine tasks.
- Deployed scalable microservices via Python, Fast API, and Docker to cloud infrastructure, enabling secure, traceable, and efficient operations.
- Achieved 30% increase in document verification speed and improved process security with role-based agent collaboration and graph-based workflow control.

Object Detection and Computer Vision Systems project

[View Project](#)

Technologies: Python Flask/Fast API, YOLOv3, Docker

- Architected and developed a scalable microservice using Python Flask/Fast API and YOLOv3 for real-time object detection with 99.5% image processing accuracy.
- Achieved a mean Average Precision (MAP) of 57.9% at an Intersection over Union (IoU) threshold of 0.50, effectively balancing precision and recall.
- Delivered inference speeds up to 30 frames per second on GPU and 10 fps on CPU, enabling near real-time processing for latency-sensitive applications.
- Used Docker containerization to ensure 100% deployment portability and environment reproducibility across development, testing, and production, supplemented with comprehensive documentation.

SKILLS

- Scikit-Learn
- Playwright
- ReactJS
- NodeJS
- FastAPI
- Pandas
- NumPy
- Docker
- Python
- Django
- PyTest
- GenAI
- Flask
- AWS
- Java
- GCP
- LLM
- SQL

EDUCATION

Bachelor of Engineering in Computer Science

Siddaganga Institute of Technology

Aug 2017 - Aug 2021

GPA: 7.74

CERTIFICATIONS

- **IBM AI Engineering Certificate** - IBM (Coursera)
- **Deep Learning Specialization** - Coursera
- **CS109xa: Machine Learning and AI with Python** - edX
- **AWS Cloud Practitioner Essentials** - AWS (2023)
- **Machine Learning in Python (V2)** - IBM (Coursera)
- **Data Science with Python** - ExcelR (2022)
- **GATE (Q) in Data Analytics** - GATE (2024)
- **Generative AI Foundation Certificate** - LinkedIn (2024)