

SURYANSH PANDEY

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Summary

Senior Backend & AI Engineer with 4+ years of experience building scalable distributed systems, AI automation platforms, and enterprise-grade security products. Specialized in Python microservices, event-driven architectures, LLM-powered agents, and cloud-native platforms. Proven track record of delivering high-performance backend systems, agentic AI workflows, and DevSecOps automation used by global enterprises.

Core Skills

Languages: Python, JavaScript, Shell Script

Backend & Systems: Django, DRF, FastAPI, GraphQL, gRPC, Celery, RabbitMQ, Redis, AsyncIO, Microservices

Databases: PostgreSQL, MongoDB, Elasticsearch

AI & Agentic: LangChain, LangGraph, CrewAI, RAG, Vector DBs (FAISS, Chroma), LLM Orchestration

DevOps & Cloud: Docker, Terraform, AWS (EC2, ECS, ECR, S3), GitHub Actions, CI/CD

Security: SAST, Vulnerability Automation, Scanner Ingestion, Remediation Agents

Experience

Strobes Security, Inc.

Aug 2025 – Jan 2026

Senior Software Engineer (Backend & Platform)

Remote

- Designed a GitHub Issues bi-directional sync platform using GraphQL APIs and webhooks, enabling real-time vulnerability lifecycle tracking.
- Built a high-performance Engagement & Assessment Export System generating large-scale enterprise CSV reports.
- Developed a dynamic cross-field analytics table builder for self-serve dashboards.
- Reduced priority score computation time from 2000+ seconds to under 100 seconds via query and algorithm optimization.
- Improved platform reliability by strengthening automated test coverage.

Strobes Security, Inc.

Jan 2024 – Jul 2025

Software Engineer (Backend & AI Automation)

Remote

- Architected a Custom Dashboard Framework supporting multi-widget analytics across asset and vulnerability datasets.
- Built Strobes AI Automation Agent, a rule-based workflow engine automating vulnerability lifecycle operations.
- Developed a Code Patch Automation Agent using AIDER and Claude to generate fixes and raise pull requests.
- Built a Cloud Remediation Agent using LangChain, Terraform, Celery, and RabbitMQ for auto-remediation.
- Contributed to Strobes Pulse AI, a streaming LLM chatbot delivering real-time security insights.
- Integrated enterprise and open-source scanners into a unified ingestion pipeline.
- Delivered a robust Azure Boards bi-directional connector for vulnerability lifecycle sync.

Strobes Security, Inc.

Apr 2022 – Dec 2023

Junior Software Engineer (Backend)

Hyderabad, India

- Built the Asset & Vulnerability Archival System ensuring consistent platform behavior.
- Implemented Microsoft Teams integration for automated vulnerability alerts.
- Optimized bulk operations improving execution speed and scalability.

Strobes Security, Inc.

Nov 2021 – Mar 2022

Software Engineering Intern

Hyderabad, India

- Developed a full-stack Blog Platform using Django REST Framework, GraphQL, JWT, and PostgreSQL.
- Resolved production backend issues and supported CI/CD workflows.

Projects

python-SAST-agent | Python, Docker, GitHub API

2025

- Built an autonomous SAST agent that detects vulnerabilities, generates fixes, and creates pull requests.
- Implemented CI-ready Docker workflows and Slack alerts.

Bluesky AI Agent | Python, LangChain, Groq, Atproto

2024

- Built an agentic content automation platform using multi-agent orchestration.
- Enabled real-time Bluesky integration for LLM-powered workflows.