

Punit Gautam

Senior Backend Engineer, mobile 8880144666

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Summary

Senior Backend Engineer with expertise in scalable APIs, microservices, and AI-powered backend systems. Experienced in Python, FastAPI, distributed systems, and cloud-native development on AWS and GCP. Focused on building high-performance production systems and LLM-integrated applications.

TECHNICAL SKILLS

Languages: Python, SQL

Frameworks: FastAPI, Flask, GraphQL

Cloud: AWS (EC2, S3, Lambda, ECS, Redshift, Glue), GCP (Compute Engine, Cloud Storage)

DevOps: Docker, CI/CD, GitHub Actions, Jenkins

Databases: PostgreSQL, MongoDB

AI / Data: HuggingFace, CrewAI, Gemini, PySpark, LangChain, LangGraph, LLM integrations

Architecture: Microservices, Distributed Systems, REST APIs, Event-driven systems

EXPERIENCE

Dataworks Technologies — Staff Software Engineer

Feb 2024 – Present

- Architected production-grade backend services using FastAPI and Flask with integrated AI/ML models deployed as scalable microservices.
- Built AI-powered candidate scoring engine using semantic similarity and weighted scoring algorithms, improving matching accuracy by 40%.
- Designed highly available APIs deployed on AWS and GCP achieving 99.99% uptime under heavy workloads.
- Developed ETL pipelines processing millions of records using PySpark and S3 Parquet supporting enterprise analytics workflows.
- Integrated LLM pipelines using CrewAI, Gemini and T5 models for resume parsing and intelligent document extraction.

Mirafr Technologies — Senior Software Engineer

Sep 2021 – Feb 2024

- Designed high-performance backend platforms using FastAPI, Django, and GraphQL supporting mission-critical applications.
- Architected microservices capable of handling 2K+ requests/sec with horizontal scaling and fault tolerance.
- Implemented API authentication, versioning, and schema-first GraphQL APIs for secure and scalable integrations.
- Built monitoring dashboards using Django and PostgreSQL improving production debugging efficiency by 45%.
- Standardized CI/CD pipelines using Docker and GitHub Actions across development and production environments.

Walmart Labs — Software Engineer

Jun 2019 – Jul 2020

- Built Flask-based microservices supporting supply chain workflows processing 20K+ concurrent requests per minute.
- Developed scalable REST APIs improving backend processing performance by 25%.
- Implemented CI/CD pipelines using Jenkins and Docker reducing deployment times from hours to minutes.

IamHere Software Labs — Software Engineer

Jun 2017 – Jun 2019

- Built backend platforms using Flask and Django for data-driven business applications.
- Developed automated email notification system reducing manual workflows by 70%.
- Designed reporting dashboards using Python and PostgreSQL enabling operational insights.

EDUCATION

Master of Computer Applications

Bangalore University