Ashutosh Jha

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Backend developer with 5 years of experience in building scalable microservices and managing complex backend systems. Proficient in Python, Golang, Django, React.js, TypeScript, PostgreSQL, and AWS. Experienced in optimizing data pipelines, developing resilient infrastructure, and working with Large Language Models (LLMs). Additional expertise in mobile development (Flutter), test automation (Selenium), and IoT solutions using MicroPython.

PROFESSIONAL EXPERIENCE

Candor Health
Senior Software Engineer   *Jun 2025 - Present*

· Built Go/Python AI agents with LLMs and web-scraper clients to find latest evidence for US primary care providers.
· Optimized prompts and Go memory/latency; Kubernetes orchestration enabled 10,000+ providers in ~1 hour.

SKIT.AI - Bangalore, IN
Software Engineer (R&D)   *Dec 2021 - Jun 2025*

· Built LLM Studio so campaign managers could create bots in under 5 minutes (90% faster).
· Built scalable microservices in Python/Django with 99.9% uptime.
· Integrated LLMs into voice, SMS, and email bots, cutting response time by 30%.
· Deployed on Kubernetes to scale for 10,000+ daily calls.

Solutions Engineer   *Jul 2021 - Dec 2021*

· Developed 30+ conversational bots using YAML, reducing deployment time by 30%.
· Delivered tailored solutions with REST APIs, improving system uptime to 99.8%.

EDUCATION

Sir M. Visvesvaraya Institute of Technology, Bangalore   *2017 - 2021*

Bachelor of Technology in Computer Science   *CGPA - 8.3*

SKILLS

· **GenAI:** LangGraph, LangChain, OpenAI
· **Programming Languages:** Python, Go, Dart, C++
· **Frameworks:** Django, Flask, FastAPI, React.js, TypeScript, Flutter
· **APIs:** RESTful APIs
· **Cloud:** AWS (Lambda, Route 53, S3)
· **Containerization & Orchestration:** Docker, Kubernetes
· **Version Control:** Git

PROJECTS

· **IntelliGravex | https://gravex-agent.vercel.app/**
Built a local-first AI agent desktop app with isolated workspaces, approval-first tool access, and on-device automation.

· **Self | iOS/Android App**
Built a compact all-in-one mobile app (sports, shopping, news) optimized to < 2MB.

· **Fight-Covid19 | iOS/Android App**
Built a real-time COVID-19 tracker with district-level updates for 50K+ users.

· **Web Scraping Projects | Python, Selenium**
Automated Leetcode submissions, scraped Ixigo flight data for 100+ routes/day, and tracked CoWIN slots across 500+ pin-codes (95% accuracy).