MONIR HOSSAIN

Senior Backend Engineer | API Architect Lakshmipur, Bangladesh | +8801799420708
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PROFESSIONAL SUMMARY Performance-driven Backend Engineer with **5+ years of experience** in architecting scalable enterprise APIs and AI-integrated SaaS platforms. Expert in **Python (Django & FastAPI)** and managing high-traffic cloud infrastructures on **AWS**. Proven track record in designing multi-tenant systems, automating CI/CD pipelines via **GitHub Actions**, and integrating LLMs for intelligent automation.

TECHNICAL SKILLS

- **Backend:** Python, Django, FastAPI, Django REST Framework (DRF), PHP.
- **Database & Caching:** PostgreSQL, MySQL, Redis, Celery (Task Queue).
- **AI & ML:** LLM Integration (ChatGPT, Gemini), LangChain, AI-based automation.
- **DevOps & Cloud:** AWS (Lambda, EC2, S3), GitHub Actions (CI/CD), Linux, Nginx, Docker.
- **Frontend:** React.js, JavaScript, HTML5, CSS3, Bootstrap.
- **Security:** Web App Security, Penetration Testing, SSL, Firewall Setup.

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Tau Research Limited | *July 2025 – Present*

- Architecting high-performance REST APIs for mobile and web integration.
- Implementing AI-driven intelligent data processing using LLMs (ChatGPT/Gemini).
- Automating cloud infrastructure on AWS using GitHub Actions, reducing deployment time by 40%.

Senior Software Engineer | SubGPT.ai | *April 2024 – May 2025*

- Engineered a **Multi-tenant, White-label SaaS** AI chatbot builder platform.
- Developed complex API integrations for WhatsApp and custom training pipelines.
- Optimized database queries and backend logic to handle enterprise-level chatbot traffic.

Senior Software Engineer | Active Association (Agency) | *Nov 2023 – July 2024*

- Led the technical delivery of Django and React.js based solutions for international clients.
- Managed full DevOps lifecycle on AWS and DigitalOcean, ensuring 99.9% uptime.

Full Stack Developer | Crystal International | *Dec 2020 – Feb 2022*

- Developed music streaming and food order management systems with Django.

● Built robust APIs to bridge Django backends with WordPress-based frontend systems.

SELECTED PROJECTS

- **ISP ERP System (SaaS):** A white-label ERP for ISPs with billing, Radius integration, and role-based access; serving multiple live clients.
- **AI Chatbot Builder (SubGPT.ai):** A no-code SaaS platform with custom LLM training and website embedding capabilities.
- **AI Irrigation System:** Smart irrigation app using satellite data and AI to automate watering decisions.

EDUCATION

- **B.Sc. in Electrical & Electronic Engineering (EEE)** – Premier University, Chittagong.
- **Diploma in Engineering (Electronics)** – Mirpur Polytechnic Institute.

CERTIFICATIONS & ACHIEVEMENTS

- **Certifications:** AWS, Ethical Hacking, Python & Django Development (Udemy).
- **Freelancing:** Successfully delivered **100+ projects** on global platforms.
- **Mentorship:** Mentored **200+ students** in web development and software engineering.