INZAMUL HOQUE

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Software Engineer with 3+ years of experience in Python-based frameworks (Django, FastAPI) and Golang (Gin, Mux), REST API development, and system automation. Proficient in Golang, AWS, and optimizing backend processes for scalability and efficiency.

SKILLS

- **Languages: Python, Go, JavaScript**
- **Frameworks: Django, FastAPI, Flask, Django Rest Framework**
- **Libraries: Pandas, Numpy, Pytest, Boto3, OpenCV, Matplotlib**
- **Databases: PostgreSQL, MySQL, SQLite, MongoDB, MS SQL Server**
- **Others: AWS, Azure, VPS, Git, CI/CD pipelines, Apache, Nginx, Docker**

EXPERIENCE

Associate Software Engineer | Kanaka Software Consulting Pvt. Ltd | Pune, Maharashtra | July 2022 - Present
- Engineered robust backend **REST APIs** using **Django**, **FastAPI,** and **Golang**, frontend on **React** and **Vue.js** supporting enterprise-grade web applications that support up to 4 applications across platforms.
- Automated email attachment processing with Python, integrated with PostgreSQL databases, and visualized results in Power BI, saving 90% of manual effort.
- Built a Python GUI tool to streamline deployment pipelines**, reducing DevOps dependency by ~80%.**
- Designed and implemented a Golang-based log processor, **reducing build revert rates by up to 99%.**
- Developed shell scripts and CI/CD to automate **~100%** of the deployment process with AWS and AZURE on Linux server
- Single-handedly set up and deployed a complete backend application using FastAPI, Alembic, SQL Server, and Docker.
- Developed a Python script to collect IoT data via **BACnet**, store it in a time-series DB, and apply business logic.

Trainee Software Engineer | Kanaka Software Consulting Pvt. Ltd | Pune, Maharashtra | Feb 2022 – June 2022
- Engineered backend solutions using Django to support full-stack applications where frontend runs on Angular.
- Developed the required solution using Angular, ensuring seamless functionality and user experience.
- Automated data migration from CSV/Excel to PostgreSQL using Python, reducing migration time.

PROJECTS

- **SOM-Sobeys | Python, FastAPI, MS SQL, React, Docker**
  Built a scalable, asynchronous architecture and high-performance REST APIs.
  Deployed securely on CyberArk Windows Server with Nginx load balancing.
  Implemented SSL, JWT, CORS, and rate limiting.
  Achieved 100% CI/CD automation for testing and deployments.

- **EVP (WAIVIT, VALTOOL, SNAP)**
  Developed RESTful APIs using Go Mux, optimizing enterprise application performance
  Automated deployment using CI/CD pipelines, achieving 100% automated test and deployments AWS
  Integrated FOXY AI and AI Service to WAIVIT Application to generate an AI Report on a property
  Designed the LENDSMART microservice to expose an API from VALTOOL

- **LOG Processor** | GO
  Engineered a Golang-based log processor to extract information from various log types, reducing build revert rates by 80%.

- **EVP Dev Tool | Python, TKinter, SQLite**
  Developed a Python-based GUI deployment tool, reducing DevOps dependency by 80%.

- **Quantuvos | Python, Django, PostgreSQL, Angular**
  Engineered REST API using Django and Django Rest Frameworks.
  Developed a feature to migrate legacy data from Excel sheets to the application database
  Contributed to the front end using Angular, improving UI functionality and user experience

EDUCATION

MCA | Assam Science & Technology University | 2022 | CGPA: 8.82/10

BCA | Gauhati Universit | 2018 | CGPA 6.6/10