Jai Soni

918085048942   •   jaiusoni2003@gmail.com   •   linkedin.com/in/jai-soni-879764257   •   github.com/JaiSonii

Summary

Software Engineer specializing in backend development and AI/ML. Primary contributor to highlight generation system driving **25% sales increase**. Experienced in **Python (FastAPI)**, **Node.js**, **MongoDB**, **SQL**, **GenAI** and **AWS**.

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL
Backend: Node.js, Express.js, FastAPI, REST APIs, Microservices Architecture, MongoDB, OOP, Data Structures, Algorithms
Cloud & DevOps: AWS (S3, EC2), Docker, Kubernetes, CI/CD, Git
Frontend: Next.js, React.js, Redux
AI/ML: Generative AI, LLMs, LangChain, OpenCV, Machine Learning, Deep Learning, NLP, RAG
Soft Skills: Leadership, Ownership, Agile Development, Collaboration, Teamwork, Communication

Experience

Future of Gaming (FOG) Technologies   Feb 2025 – present
Software Engineer   *Surat, Gujarat*
- Architected a high-throughput, multi-threaded video processing **backend** system using **Python** and **FastAPI**, handling 10+ real-time data feeds with **30% lower latency**.
- Automated the **CI/CD** pipeline using **AWS S3**, **Git** and custom scripts (simulating **GitHub Actions**), reducing deployment time from 1 hour to **6 minutes**.
- Designed and implemented **Python-based automation** services for support and sales, reducing manual workflow effort by **80%** by integrating **RESTful** third-party APIs.
- Built a subscription management **microservice** using **Python (FastAPI)** and **MongoDB** to manage subscriptions for 50+ centers worldwide.

Awajahi   Jun 2024 – Jan 2025
Founding Software Engineer   *remote*
- Led a team of 4 engineers in an **agile** environment to build a scalable SaaS logistics **backend** using **Node.js**, **MongoDB**, and **AWS S3**.
- Engineered an automated **data pipeline** using OCR and **Python** to process documents, cutting manual data entry by **80%** and reducing operational errors.
- Implemented a secure backend **authentication** service with **JWT** tokens and granular **role-based access control** (RBAC), ensuring data segregation for 4+ user roles.
- Reduced API latency by 50% by optimizing **MongoDB** queries and aggregations; validated performance improvements using **pytest** for integration testing.

Projects

Full-Stack Outreach Automation Tool | *Python, FastAPI, PostgreSQL, React.js, Docker*   GitHub
- Built a full-stack outreach **automation** tool using **Python (FastAPI)** and a **PostgreSQL** database to generate and manage user data and messages.
- Developed a **React/TypeScript** interface for file uploads, **asynchronous** job processing, and retrieving results from the **RESTful** backend API.

Server-Side Log Analysis Pipeline | *Python, Docker, Kubernetes, FastAPI, Pytest*   GitHub
- Developed a **Python**-based **data pipeline** to parse, analyze, and **orchestrate** log analysis tasks for Site Reliability Engineering (SRE).
- Created **RESTful APIs** using **FastAPI** to query log data from **MongoDB** and **Elasticsearch**, enabling high-speed semantic search.
- Engineered a secure, sandboxed **microservice** using **Docker** and **Kubernetes** for code execution; wrote **unit tests** with **pytest** to ensure reliability.

Education

Shri Vaishnav Vidyapeeth Vishwavidyalaya   2021 - 2025
Bachelor of Technology in Computer Science Engineering (CGPA: 8.0 / 10)   *Indore, Madhya Pradesh*