SAIBRAMHA NARSINGOJU

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📍 Santa Clara, CA | Open to Relocation

SUMMARY

Versatile **Software Engineer** with 3+ years of experience designing, developing, and deploying **scalable web, cloud, and AI-driven applications** using **.NET, Java, Python, C++, and JavaScript frameworks**.

Strong foundation in **data structures, algorithms, and distributed systems** with hands-on experience in **Full Stack Development, REST APIs, Machine Learning, and Generative AI**.

Passionate about **building performant systems**, applying **AI/ML models** to real-world challenges, and **collaborating within Agile teams** to deliver impactful software solutions.

EDUCATION

Concordia University, Saint Paul, MN   **Aug 2023 – Dec 2024**

Master's in Information Technology and Management | **GPA: 3.75/4.0**

Coursework: Cloud Computing and Virtualization, Advanced Software Engineering & System Design, Data Analytics and Visualization, Artificial Intelligence & Machine Learning, Cybersecurity and Information Assurance, Database Systems and Data Management, Enterprise Architecture & Distributed Systems, Project Management and Agile Methodologies, Python for Data Science, Big Data Technologies, and Cloud Integration.

Kamala Institute of Technology and Science, Telangana, India   **Jun 2018 - Dec 2022**

Bachelor of Computer Science | **GPA: 8.11/10.0**

PROFESSIONAL EXPERIENCE

Atlassian   **Feb 2025 – Present**

Software Engineer

- Developed **microservice-based platforms** using **.NET Core, Java Spring Boot, and Python Flask**, serving 50K+ enterprise users.
- Built **REST and GraphQL APIs** for seamless front-end integration and data aggregation across multi-cloud systems.
- Integrated **OpenAI APIs** for in-app AI-driven automation (code summarization, chat assistant modules).
- Improved infrastructure cost efficiency by **25%** using containerized deployments on **AWS and Azure** with Docker + Kubernetes.
- Strengthened platform security via **OAuth2, JWT authentication**, and automated vulnerability scans.
- Collaborated in **Agile teams** to design scalable, maintainable solutions with a focus on **clean architecture** and **testability**.

Tracxn   **Mar 2021 – Jul 2023**

Full Stack Developer

- Delivered **full-stack SaaS analytics solutions** using **Angular, .NET Core, and Java APIs**, improving platform reliability by 40%.
- Optimized database performance on **PostgreSQL & MySQL** with advanced indexing and query tuning.
- Implemented **asynchronous event-driven processing** (RabbitMQ, Kafka) to improve throughput for large data workloads.
- Enhanced **data visualization dashboards** using Angular + D3.js for real-time analytics.
- Contributed to secure integration of **third-party ML APIs** for data insights and anomaly detection.
- Played an active role in **sprint planning, DevOps automation**, and maintaining 99.9% system uptime.

CORE TECHNICAL SKILLS

Programming Languages: C#, Java, Python, C++, TypeScript, JavaScript, SQL

Frameworks & Libraries: .NET Core, Spring Boot, Flask, FastAPI, Angular, React, Node.js, PyTorch, OpenAI APIs

Web & API Development: RESTful APIs, GraphQL, Microservices, Event-Driven Architecture, MVC

Cloud & DevOps: Azure (App Service, Functions), AWS (EC2, Lambda, S3, RDS), Docker, Kubernetes, Jenkins, GitHub Actions, CI/CD

Databases: PostgreSQL, MySQL, SQL Server, MongoDB, Redis

Security: JWT, OAuth2, RBAC, Encryption, Secure SDLC

Tools & Platforms: Git, VS Code, IntelliJ, Jupyter, Prometheus, ELK Stack, Azure DevOps, Jira

AI / ML: Machine Learning Models, NLP, GenAI Prompt Engineering, OpenAI API Integration, LangChain

PROJECTS

1. Employee Management System – Full Stack (.NET Core, Angular, EF Core)

🔗 [GitHub]

- Designed and deployed a **microservices-based HR system** supporting 1,000+ concurrent users.
- Implemented **JWT authentication**, **role-based access**, and **real-time notifications** with SignalR.
- Containerized and deployed via **Docker + Azure CI/CD pipeline** with automated testing.

2. Smart Inventory Management – Java, Spring Boot, React, MySQL

🔗 [GitHub]

- Developed full-stack inventory solution supporting real-time stock tracking and analytics dashboards.
- Integrated **JWT security**, **Spring Data JPA**, and **multi-user authentication** for enterprise clients.
- Deployed on **AWS EC2 + RDS** with Jenkins CI/CD pipelines.

3. YouTube Analytics & Recommendation Engine – Python, Pandas, ML

🔗 [GitHub]

- Engineered an **ETL pipeline** to process 10K+ YouTube video records, generating recommendations via **cosine similarity + ML models**.
- Built visualization dashboards with **Streamlit** and **Power BI**, enabling trend insights and engagement forecasting.

4. GenAI Code Assistant – Python, LangChain, OpenAI API

🔗 [GitHub]

- Created a **developer assistant** that leverages **GPT-4 + LangChain** to suggest code refactors, test generation, and bug explanations.
- Integrated with VS Code for real-time prompts and interactive debugging suggestions.

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft C# / .NET Developer Certification
- Oracle Certified Java SE Professional
- AWS Certified Cloud Practitioner
- Docker & Kubernetes Fundamentals
- Python PCEP & PCAP Certified
- Machine Learning Specialization (Coursera / Andrew Ng)
- Generative AI with LLMs (DeepLearning.AI)