

PROFESSIONAL SUMMARY

Full-Stack & AI Engineer with 4+ years of professional experience building scalable, high-performance applications across web, cloud, and data platforms. Skilled in designing distributed systems, LLM-driven automation, and modern full-stack architectures. Proven ability to deliver end-to-end solutions—from responsive front-end interfaces to secure backend APIs, pipelines, and cloud-native deployments. Experienced in collaborating with cross-functional teams, optimizing performance, and implementing automation that drives measurable business impact. Passionate about building intelligent, reliable, and user-centric software products.

PROFESSIONAL SKILLS

- **Languages:** Python, JavaScript, TypeScript, SQL, Java
- **Frontend:** React, Next.js, Vue.js, HTML5, CSS3, Tailwind
- **Backend:** Node.js, Express, Django, FastAPI, REST APIs, GraphQL
- **AI / LLM Technologies:** GPT-4o, LLaMA, LangChain, LangGraph, RAG Pipelines, MCP Agents, LoRA Fine-tuning
- **Database & Dev Tools:** PostgreSQL, MySQL, Snowflake, DynamoDB, MongoDB, Redis, GitHub, Postman, Streamlit, Grafana,
- **Cloud & DevOps:** AWS (Lambda, SQS, SNS, EMR, S3), Docker, Kubernetes, Terraform, CI/CD Pipelines, Linux, Twilio
- **Data Engineering:** ETL/ELT Pipelines, Distributed Data Processing, Data Warehousing, Parquet, Real-time Analytics

PROFESSIONAL EXPERIENCE**Full stack Developer | Jay Logistics & Trade LLC | Houston, TX(Remote) | Aug 2025 - Present**

- Developed and enhanced full-stack web application using React, Node.js, and REST APIs.
- Built responsive front-end components to improve user experience and accessibility across devices.
- Designed and integrated backend APIs for secure data handling, authentication, and workflow automation.
- Collaborated with non-profit stakeholders to gather requirements and deliver customized technical solutions.
- Performed debugging, code optimization, and testing to ensure high-quality and scalable application performance.

Full-Stack Developer | Humanity Founders | San Francisco, CA | March 2025 - Aug 2025

- **LLM Automation:** [Python, LangGraph, MCP, RAG, OpenAI, GCP] Built an LLM-driven outreach engine streamlined communication, customizable incentives, campaigns and workflows saving 75% of manual effort.
- **Architecture & Engineering:** [FastAPI, Django, PostgreSQL, React, GraphQL, MongoDB, Typescript] Designed scalable APIs using processing 1M+ data records with 99.9% uptime. Constructed dashboards for real-time analytics with 5K+ DAU.
- **API Security:** [OAuth, JWT, Microservices, Stripe, PayPal] Configured OAuth for 3+ secure third-party app integrations, enabling seamless authentication and authorization between external services and the parent application.
- **Client Collaboration:** Worked directly with the client to translate evolving business needs into technical features, reducing turnaround time by 30%, collaborated with cross-functional teams (PM, UI, and QA) to design and deploy production-grade features.

Senior Software Engineer | Optum (UnitedHealth Group) | Bengaluru, India | Jul 2020 - Jul 2024

- Built an automated AWS Lambda + SQS + SNS framework (via Terraform & containers) reducing manual operations by 47%.
- Improved ETL performance by engineering an optimized indexing strategy for Parquet files, reducing latency by 36% and increasing throughput by 45%.
- Designed a high-performance distributed data pipeline agg. 130M+ records for realtime analytics & data warehousing.
- Deployed a serverless EMR solution with elastic scaling, cutting cloud costs by 40% and improving agility.
- Architected a Snowflake-based data platform that increased tenant onboarding by 78% and retention by 55%.
- Led design/code reviews, resolved 100+ customer escalations, and mentored 4+ new hires.

Software Developer Intern | Shadow fax Technologies | India | Jan 2020 - Jul 2020

- Developed an asynchronous bulk upload system using Celery, reducing CSV processing time by 60% and enabling smooth handling of 10GB+ files.
- Built a Python log analyzer for debugging, improving error detection speed by 30% and identifying issues missed by Sonar.

ACADEMIC PROJECTS**AI Child Therapy - Personalized AI Speech Therapy Platform for Kids**

- Built a real-time AI speech therapy companion using LoRA and Google TTS, providing phoneme tracking and personalized pronunciation feedback.

Willow - AI-Powered Multi-Agent Sales & Outreach Tool [Link]

- Built an agentic outreach system using GPT-4o and Twilio APIs, automating communication & reducing manual work by 80%.

Insight Query - LLM-Powered Insight Generation and Visualization Tool [Link]

- Developed an LLM-powered analytics tool (LLaMA + Streamlit) that auto-generates insights & visuals, cutting analysis time by 70%.

Forecaster - Adaptive Forecasting System for Restaurant Operations

- Developed a causal time-series model that improved SKU demand forecasting, cutting stockouts by 50% and waste by 40%.

EDUCATION

Master of Science, Computer Science | University at Buffalo, NY | Aug 2024 - Dec 2025 | CGPA: 3.83/4

Bachelor of Technology, Computer Science | PES University, India | Aug 2016 - Jul 2020 | CGPA: 8.31/10

ACHIEVEMENTS

- **Winner-** Humanity Founders Hackathon, leading to the internship offer.
- **Runner-Up** - AI for Good Ideathon, University at Buffalo.