

NAUSHIK BELADIYA

naushik007@gmail.com | (562) 350-8100 | linkedin.com/in/naushik | Long Beach, CA 90815

PROFESSIONAL SUMMARY

Innovative **AI/ML Engineer and Full-Stack Software Developer** with **5+ years** of experience building intelligent, scalable systems that merge cutting-edge AI with real-world business impact. Hands-on expertise in **deep learning, NLP, computer vision, and generative AI** — including production deployment of AI-powered platforms and blockchain-integrated applications. Proven ability to architect cloud-native solutions on **AWS and Azure**, integrate AI-driven features into live products, and lead cross-functional engineering teams. Currently advancing AI research in M.S. Computer Science (GPA 3.67). Passionate about building the next generation of intelligent, secure, and high-performance AI products.

TECHNICAL SKILLS

AI / ML Frameworks	TensorFlow, PyTorch, Keras, Scikit-learn, Hugging Face Transformers
AI Domains	NLP, Computer Vision, Deep Learning, Generative AI, Medical Image Segmentation
Cloud & MLOps	AWS (SageMaker, EC2, S3, Lambda), Azure ML, GCP, Docker, CI/CD, GitHub Actions
Languages	Python, Java, JavaScript/TypeScript, C++, C#
Backend Frameworks	Node.js, Spring Boot, .NET Core, FastAPI, REST/GraphQL APIs
Frontend	React, Angular
Data & Streaming	Apache Spark, Kafka, MongoDB, SQL Server, Redis
Security & Blockchain	Decentralized systems, smart contract integration, vulnerability assessment
Tools & Methodology	Git, Jira, Agile/Scrum, Selenium, Cypress, Microservices

PROFESSIONAL EXPERIENCE

Software Developer — AI Integration

Jun 2025 – Present

Pixquid LLC · Chicago, IL

- Integrated **AI-driven features** into the Squared platform using large language model (LLM) APIs and custom ML pipelines, enhancing user personalization and engagement.
- Built and optimized full-stack features (React + Node.js) with AI-powered back-end services, improving platform responsiveness and user satisfaction.
- Deployed AI model inference services in **Dockerized environments** with CI/CD pipelines, reducing model release cycle time by **25%**.
- Collaborated with UI/UX teams to surface AI-generated insights in intuitive interfaces, increasing feature adoption across the user base.

Senior Software Engineer — AI & Cloud Systems

Feb 2023 – May 2023

SCIKEY · Surat, Gujarat, India

- Architected **AWS-based cloud infrastructure** supporting AI-driven enterprise products, achieving **99.9% uptime** through proactive monitoring and rapid incident response.
- Reduced deployment bugs by **40%** by redesigning testing frameworks with automated validation pipelines aligned to AI model output expectations.
- Led a 6-member Agile engineering team, trimming project timelines by **30%** and delivering high-quality AI-integrated software on schedule.

Software Engineer — Backend & API Systems

Jun 2021 – Dec 2022

Nexotips Infotech · Surat, Gujarat, India

- Engineered **RESTful API integrations** connecting AI-powered third-party tools across **5+ enterprise systems**, streamlining data workflows and automation.
- Delivered **15+ user-centric features** including data-driven recommendation modules, driving a **20% increase** in customer satisfaction and retention.
- Optimized 150+ lines of legacy code, cutting load times by **50%** and improving AI service response latency for production workloads.
- Mentored 3 junior engineers in ML integration best practices, boosting team velocity by **20%** through pair programming.

- Automated repetitive workflows using **Python scripts and ML-assisted tooling**, reclaiming **15+ hours weekly** for high-value engineering initiatives.
- Diagnosed and resolved 3 critical system failures impacting **10,000+ daily users** through root-cause analysis and targeted infrastructure improvements.
- Migrated monolithic systems to **microservices architecture**, enabling modular AI/ML service deployment and accelerating independent feature rollouts.

AI & KEY PROJECTS

Secure & High-Performance Generative AI Platform

- Architected a **decentralized generative AI platform** integrated with blockchain technology, handling **100+ secure AI transactions weekly** with zero data breaches.
- Implemented **NLP and Computer Vision** modules — including text classification, entity recognition, and image analysis pipelines — expanding platform AI capabilities.
- Identified and remediated **50+ security vulnerabilities**, hardening the AI inference infrastructure and increasing platform trust and resilience.

All-in-One Bill Tracking System

- Optimized **blockchain-based RESTful APIs** with intelligent caching and query optimization, achieving a **60% improvement** in transaction processing speed.
- Implemented ML-assisted anomaly detection for billing discrepancies, enhancing data integrity and reducing manual audit workload by **35%**.

EDUCATION

Master of Science in Computer Science

California State University, Dominguez Hills · Specialization: Data Analytics & AI

2024 – Present

GPA: 3.67

Bachelor of Engineering in Computer Engineering

Gujarat Technological University

2015 – 2019

GPA: 2.9