

ADHISH T.

Pune, India & San Francisco, USA

Artificial Intelligence & Machine Learning | Application Development | API & Microservice Architecture | Cloud Platform Integration

Accomplished Senior Machine Learning Engineer with over 8 years of experience, specializing in Deep Learning and Python programming. Proven track record in implementing computer vision and NLP techniques across vast data sets and documents, executing statistical analysis, and creating top-notch prediction systems. Demonstrates strong ability to work closely with product management and application development teams, delivering innovative solutions using data-driven insights and cutting-edge technologies. Seeking to apply my expertise to a challenging Senior Machine Learning Engineer role that values technical excellence, creativity, and a results-driven approach.

Core Competencies: Deep Learning (**TensorFlow, PyTorch, Generative AI**), Machine Learning & Data Analytics, Containerization (**Docker, Kubernetes**), Cloud Platforms (**AWS, GCP, Azure**), Database Management (**SQL, NoSQL**), Microservice Architecture (**Python**), LLM Prompt Generation (**GPT-4**), Production Deployment on-cloud and on-premises.

PROFESSIONAL EXPERIENCE

Senior Machine Learning Engineer, Synapse Financial Technologies | (San Francisco, CA) [Remote since 2022] 12/19 – Present

- Implemented computer vision and NLP techniques to develop an AI-driven ID verification system and a "Video Auth" solution.
- Executed statistical analysis in designing an NLP and ML-based automation system for optimizing due diligence procedures.
- Created scalable ML pipelines to manage over a million requests per minute through efficient caching, asynchronous processes, robust APIs, and optimized database implementation.
- Collaborated closely with the product management team in developing user-friendly products like Remote Deposit Capture, real-time SSN Verification, and Sanctions Monitoring.

Machine Learning Engineer, Gemini Data Inc. | (San Francisco, CA) 4/19 – 12/19

- **Pattern Extraction:** Enhanced log analytics performance by **80%** by implementing a sophisticated **Python** and **Apache Calcite** pipeline to **generate regular expressions** (regex) from unstructured log data to parse & store real-time streams automatically.

Machine Learning Engineer (Intern), Welch Labs and UNC Charlotte | (Charlotte, NC) 10/18 – 4/19

- Built Neural Network models aimed at reducing the false identification rate of defective windshields by 100%.
- Worked in tandem with development teams to deploy models in a production environment for supporting ML-influenced product features.

Machine Learning Engineer (Intern), Zuora, Inc. | (San Francisco, CA) 6/18 – 8/18

- Implemented superior statistical predictive modelling strategies to reduce live support agent involvement by 75%.
- Accelerated ticket response time by 90% by leveraging Deep Learning algorithms to automate access validation.

Application Development Analyst [Salesforce.com Specialist and SME], **Accenture** | (Pune, India) 4/15 – 7/17

- **Application Development & Maintenance:** Led the end-to-end delivery of an e-commerce platform for Splunk. Acted as the Lead Salesforce.com Developer and Technical Team Lead for Salesforce's **first-ever implementation of a cloud-on-cloud model**.
 - **System Overhaul:** Facilitated complete overhaul of a Purchase Order flow by developing key delivery components. Augmented Sales Reps' efficiency by **50%** by deploying advanced automation processes via Salesforce.com customization & configuration.
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EDUCATION

Master of Science (Computer Science) | University of North Carolina at Charlotte, USA May 2019

Bachelor of Engineering (Computer Engineering) | University of Pune, India May 2014