

SAURABH BHAUSAHEB ZINJAD

☎ +1480-913-5544 ✉ saurabhzinjad@asu.edu 🌐 github.com/Ztrimus in linkedin.com/in/saurabhzinjad

EDUCATION

Arizona State University, Tempe, USA

August 2023 - May 2025

Masters of Science in Computer Science (GPA: 4/4)

Relevant Courses: Social Media Mining, Knowledge Representation and Reasoning Algorithms, Statistical Machine Learning

Pune Institute of Computer Technology(PICT), Savitribai Phule Pune University, India

July 2015 - June 2019

Bachelor of Engineering (GPA: 8.53/10)

Relevant Courses: DSA, OOP, OS, System Programming, Computer Networks, Information Theory, Artificial Intelligence, Machine learning, Digital Video and Image Processing

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C#, C++, SQL, R, Java, Shell Scripting

Data Science: Databricks, PySpark, TensorFlow, PyTorch, MXNet, OpenCV, Scikit Learn, Pandas, Matplotlib, Keras

Cloud and DevOps: Azure, AWS, Docker, Kubernetes, MLFlow, Jupyter Notebook, Git

Full-Stack Tech: Angular, React, .Net Core, NodeJs, Django, Flask, FastAPI, MongoDB, SQL Server, MySQL, Postman

Certifications: [Deep Learning Specialization](#), [MLOps for AI Engineers and Data Scientists](#), [Microsoft Azure Fundamentals](#)

WORK EXPERIENCE

Tiger Analytics

Bangalore, India

Senior Machine Learning Engineer

June 2022 - July 2023

- Led a team of 8 analysts to develop Interactive Dashboards, Constraint-based ML Models, Web App, Data & CI/CD pipelines, and Comprehensive Documentation for MSP Value Optimization in the Petcare sector.
- Developed the MLCORE product, an end-to-end MLOps platform, by implementing research ideas, prototyping, backend API Implementation, and integrating with various cloud services, attracting four significant clients.

Winjit Technologies

Pune, India

Software Engineer

January 2020 - June 2022

- Engineered RESTful APIs Architecture and Distributed services, designing responsive UI/UX application features with high-quality web architecture, and optimizing large-scale Databases.
- Initiated and Designed a standardized solution for dynamic forms generation with customizable CSS capabilities, reducing development time by 8x, and led a 12-member cross-functional team.

Automation Teknix

Pune, India

Deep Learning Engineer

September 2019 - January 2020

- Devised a Lightweight Object Recognition Engine with low computational cost using SSD algorithm with MobilenetV2 architecture, decreasing survey error by 22%.
- Conducted thorough research, prototyped neural network flow, conceptualized POC, training, and monitoring of models, resulting in a 7% increase in accuracy and a 2x reduction in inference time.

PROJECTS

[Streamlining Job Applications with LLM Automation Pipeline](#)

Oct 2023 - Dec 2023

- Developed a Python library to optimize the job application workflow, generating curated resumes and personalized cover letters tailored to specific job roles.
- Utilized advanced techniques including Prompt Engineering, Web Scraping, and integration of various Large Language Models to enhance the effectiveness of the application.

[Search Engine for All file types - Sunhack Hackathon - Meta & Amazon Sponsored](#)

3 Nov 2023 - 5 Nov 2023

- Won Big Data Awards in Python FAST API and angular development, providing efficient data access and retrieval.
- Converted and stored every file type data as vector embeddings, ensuring low-latency search capabilities.
- Used Machine Learning techniques such as BERT, OCR, ResNet50, and Image Captioning to parse Image features.
- Contributed to Elasticsearch implementation for blazing-fast search responses, with millisecond response times.

[GenAI's Capabilities and Boundaries Exploration - Prompt Engineering Hackathon for Humanities](#)

13 Oct 2023 - 15 Oct 2023

- Achieved 1st runner-up prize in crafting AI persona to explore LLM's subtle contextual understanding and create innovative collaborations between humans and machines.
- Addressed limitations in narrative flow, simplicity, emotional depth, and hallucinations through innovative approaches.

- Demonstrated creative mindset and ability to navigate complex tasks and adapt to evolving requirements during the hackathon.
- Successfully identified and addressed challenges in LLM's storytelling capabilities.

ACHIEVEMENTS

- 1st runner-up in 'Prompt Engineering Hackathon 2023 for Humanities'
- Best Data Awards in Major League Hacking sponsored hackathon SunHacks 2023.
- Received the 'Extra Miller - 2022' award at Tiger Analysis for outstanding performance.
- President of Machine Learning Club: Led a team of 20 people in a project and was awarded 'Best Project of the Year 2019.'
- Finalist in E-yantra Robotics Competition 2018 - IITB.
- Dance Section's Head of PICT Art Circle: Best dance choreography for winning 'Firodiya theater competition 2019.'
- Performed in multiple award-winning state-level drama competitions and received the best-organized team prize thrice.
- Active member of the NSS (National Community Service Group in PICT) in 2016.