

# SAURABH BHAUSAHEB ZINJAD

☎ +1480-913-5544 ✉ saurabhzinjad@asu.edu 🌐 [github.com/Ztrimus](https://github.com/Ztrimus) in [linkedin.com/in/saurabhzinjad](https://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, achieving [quantifiable impact].
- Implemented and integrated research ideas to develop the MLCORE product (end-to-end MLOps platform), attracting four significant clients [quantifiable impact].

### Winjit Technologies

Pune, India

Software Engineer

January 2020 - June 2022

- Designed and implemented 10+ RESTful APIs Architecture and Distributed services, resulting in [quantifiable impact].
- Led a 12-member cross-functional team in designing a standardized solution for dynamic forms generation, reducing development time by 8x [quantifiable impact].

### Automation Teknix

Pune, India

Deep Learning Engineer

September 2019 - January 2020

- Developed a Lightweight Object Recognition Engine using an SSD algorithm with MobilenetV2 architecture, reducing survey error by 22% [quantifiable impact].
- Conducted thorough research, prototyped neural network flow, and optimized models, resulting in a 7% increase in accuracy and reduced inference time by 2x [quantifiable impact].

## PROJECTS

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

Oct 2023 - Dec 2023

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

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

3 Nov 2023 - 5 Nov 2023

- Developed a search engine for all file types, providing efficient data access and retrieval [quantifiable impact].
- Implemented Machine Learning techniques such as BERT, OCR, ResNet50, and Image Captioning to parse Image features [quantifiable impact].
- Contributed to Elasticsearch implementation for blazing-fast search responses, achieving millisecond response times [quantifiable impact].

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

13 Oct 2023 - 15 Oct 2023

- Secured 1st runner-up prize in crafted AI persona, exploring LLM's subtle contextual understanding and creating innovative collaborations between humans and machines [quantifiable impact].
- Addressed limitations in narrative flow, simplicity, emotional depth, and hallucinations through innovative approaches [quantifiable impact].

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

## ACHIEVEMENTS

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- 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 Analytics for outstanding performance
- President of Machine Learning Club: Led a team of 20 people 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