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
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 Fundar

WORK EXPERIENCE

Tiger Analytics   Bangalore, India
Senior Machine Learning Engineer   June 2022 - July 2023
· Developed Interactive Dashboards, Constraint-based ML Models, Web App, Data & CI/CD pipelines and Comprehensive Documentation for MSP Value Optimization in Petcare sector with a team of 8 analysts
· Developed MLCORE product (end-to-end MLOps platform) by implementing research ideas, organizing through prototyping, backend API Implementation and integrating it with numerous cloud services, attracting four more significant clients

Winjit Technologies   Pune, India
Software Engineer   January 2020 - June 2022
· Engineered RESTful APIs Architecture and Distributed services; Designed low-latency responsive UI/UX application features with high-quality web architecture; Managed and optimized large-scale Databases
· Designed a standardized solution for dynamic forms generation, reducing development time by 8x; Led and collaborated with 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 by leveraging an SSD algorithm with MobilenetV2 architecture, decreasing survey error by 22%
· Conducted research, prototyped neural network flow, conceptualized POC, training, and monitoring of models resulting in a 7% increase in accuracy and reduced inference time by 2x

PROJECTS

Streamlining Job Applications with LLM Automation Pipeline   October 2023 - December 2023
· Developed Python library to optimize the job application workflow that generates 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 November 3, 2023 - November 5, 2023
· 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   October 13, 2023 - October 15, 2023
· 1st runner up prize in crafted AI persona, to explore LLM's subtle contextual understanding and create innovative collaborations between humans and machines

- Successfully 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 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 Analytics 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