

SAURABH BHAUSAHEB ZINJAD

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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 in developing Interactive Dashboards, Constraint-based ML Models, Web App, Data & CI/CD pipelines, and Comprehensive Documentation for MSP Value Optimization in Petcare sector.
- Developed the MLCORE product (end-to-end MLOps platform) by implementing research ideas, prototyping, backend API implementation, and integration with cloud services, attracting four significant clients.

Winjit Technologies

Pune, India

Software Engineer

January 2020 - June 2022

- Engineered 10+ RESTful APIs Architecture and Distributed services; Designed 30+ 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 with customizable CSS capabilities, 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, reducing survey error by 22%.
- Conducted research, prototyped neural network flow, and trained models resulting in a 7% increase in accuracy and 2x reduction in inference time.

PROJECTS

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

Oct 2023 - Dec 2023

- Developed 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 Large Language Models to enhance application effectiveness.

[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.

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

13 Oct 2023 - 15 Oct 2023

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

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

ACHIEVEMENTS

- 1st runner-up in Prompt Engineering Hackathon 2023 for Humanities
- Won Best Data Awards in Major League Hacking sponsored hackathon SunHacks 2023.
- Received the 'Extra Miller - 2022' award at Tiger Analysis for outstanding performance.
- Led a team of 20 people in a project and was awarded 'Best Project of the Year 2019' as the President of the Machine Learning Club.
- Finalist in E-yantra Robotics Competition 2018 - IITB.
- Received Best dance choreography for Winning 'Firodiya theater competition 2019' as the Dance Section's Head of PICT Art Circle.
- 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.