

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 the Petcare sector.
- Developed the MLCORE product by implementing research ideas, prototyping, backend API Implementation, and integrating it with numerous cloud services, attracting four additional clients.

Winjit Technologies

Pune, India

Software Engineer

January 2020 - June 2022

- Engineered RESTful APIs Architecture and Distributed services; Designed responsive UI/UX application features with high-quality web architecture; Managed and optimized large-scale Databases.
- Initiated and 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 a low computational cost by leveraging an SSD algorithm with MobilenetV2 architecture, which decreased survey error by 22%.
- Conducted research, prototyped neural network flow, and trained 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 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](#)

3 Nov 2023 - 5 Nov 2023

- Contributed to Python FAST API and Angular development, providing efficient data access and retrieval.
- 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

- Addressed limitations in LLM's storytelling capabilities, focusing on narrative flow, emotional depth, simplicity, and hallucinations.
- Demonstrated creative mindset and ability to navigate complex tasks and adapt to evolving requirements during the hackathon.

ACHIEVEMENTS

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.'