

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

- 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
- Built MLCORE product (end-to-end MLOps platform) by implementing research ideas, backend API Implementation and Integrating it with numerous cloud services, attracting four 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
- Led and collaborated with a 12 member cross-functional team to design a standardized solution for dynamic forms generation, reducing development time by 8x

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, decreasing survey error by 22%
- Conducted Initial research, prototyped neural network flow, and trained models resulting in a 7% increase in accuracy and reduced inference time by 2x

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 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
- Utilized 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 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
- Successfully identified and addressed challenges in LLM's storytelling capabilities

ACHIEVEMENTS

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'
- Best dance choreography for Winning 'Firodiya theater competition 2019'