

# 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

Bangalore, India

Senior Machine Learning Engineer

June 2022 - July 2023

- Spearheaded development of 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 an additional four significant clients.

### Winjit Technologies, Pune, India

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.
- Initiated and Designed a standardized solution for dynamic forms generation, with customizable CSS capabilities feature, which reduces development time by 8x; Led and collaborated with a 12 member cross-functional team.

### Automation Teknix, Pune, India

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 thorough Initial research; prototyped neural network flow; conceptualized POC, training, and monitoring of models. This resulted in a 7% increase in accuracy and reduced inference time by 2x.

### IMATMI, Robbinsville, New Jersey (Remote)

Robbinsville, New Jersey (Remote)

Research Intern

March 2019 - August 2019

- Conducted research and developed a range of ML and statistical models to design analytical tools and streamline HR processes, optimizing talent management systems for increased efficiency.
- Created 'goals and action plan generation' tool for employees, considering their weaknesses to facilitate professional growth.
- Implemented an automated system to identify 'best-fit employees' for upcoming projects, improving project outcomes and resource allocation for managers.