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 Fundan

WORK EXPERIENCE

Tiger Analytics   Bangalore, India
Senior Machine Learning Engineer   June 2022 - July 2023
· Led a team of 8 analysts to develop 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, an end-to-end MLOps platform, by implementing research ideas, prototyping, backend API Implementation, and integrating it with cloud services

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
· Led a cross-functional team of 12 members to design a standardized solution for dynamic forms generation

Automation Teknix   Pune, India
Deep Learning Engineer   September 2019 - January 2020
· Devised a Lightweight Object Recognition Engine with a low computational cost
· Conducted research and prototyped neural networks to improve accuracy and reduce inference time

PROJECTS

Search Engine for All file types - Sunhack Hackathon - Meta & Amazon Sponsored   3 Nov 2023 - 5 Nov 2023
· Converted and stored every file type data as vector embeddings
· Used Machine Learning techniques for feature extraction
· Contributed to Elasticsearch implementation
· Led Python FAST API and Angular development

Prompt Engineering Hackathon for Humanities   13 Oct 2023 - 15 Oct 2023
· Led a team to the 1st runner-up position
· Explored AI storytelling tools
· Developed Pro Tips for Prompting and optimized AI parameters
· Addressed limitations in narrative flow and emotional depth
· Collaborated with AI personas for focused discussions
· Presented ideas in a compelling manner

Forest Fire Detection using IoT Sensor Data   September 2021 - January 2022
· Devised a TabNet Classifier Model
· Performed Model Exploration, Analysis, and Optimization

ACHIEVEMENTS

1st runner-up in Prompt Engineering Hackathon 2023 for Humanities
· Received the 'Extra Miller - 2021' award at Winjit Technologies
· President of Machine Learning Club: Led a team and was awarded 'Best Project of the Year'
· Finalist in E-yantra Robotics Competition 2018 - IITB
· Dance Section's Head of PICT Art Circle
· Performed in multiple award-winning state-level drama competitions
· Active member of the NSS (National Community Service Group in PICT) in 2016