

Farhan Ansari

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EDUCATION

Masters of Science in Computer Science

Aug 2023 - May 2025

San Jose State University

Coursework: Data Science, Artificial Intelligence, Machine Learning, Natural Language Processing, Cloud Computing

TECHNICAL SKILLS

Languages: Python, Node.js, JAVA

Cloud and databases: Amazon Web Services (AWS), Microsoft Azure, MySQL, NoSQL

ML Libraries: Huggingface, Pytorch, Scikit-learn, Tensorflow, Dialogflow, Pandas, Numpy, Keras

Web Development: React, Express, Flask, Django, REST APIs

DevOps: PowerBI, Docker, Kubernetes, Micro Services, Terraform, Jenkins

EXPERIENCE

Cloud Engineer | Blazeclan Technologies Pvt Ltd

May 2021 - July 2023

- Engineered predictor models using supervised machine learning to forecast weekly traffic on websites on production workloads; Drafted infrastructure budget allocation reports based on forecasted data
- Established a Jenkins CI/CD pipeline, integrating with Github actions to enable daily feature deployments with zero downtime, and composed Docker files to install and configure Open-Telemetry data collection agents
- Revamped infrastructure provisioning using Terraform files to automate management and deployment of cloud infrastructure resources
- Slashed MTTR to 10 seconds by creating automated alert pipelines to detect issues within production environments; Lowered resource costs by automating creation of monitors using Python and REST APIs

Cloud Engineering Intern | Blazeclan Technologies Pvt Ltd

Nov 2020 - May 2021

- Leveraged data visualization tools such as Power BI and New Relic to create performance and business dashboards for product owners to identify business trends and perform root cause analysis
- Spearheaded the creation of a video trans-coding system for a multimedia client, Leveraged AWS Lambda functions, AWS S3 and AWS ElasticTranscoding tech, reducing costs by 37% while achieving 99.9% uptime

PROJECTS

Automated Library Management Web app | React, Flask, Postgres, REST APIs, Google Books API

- Developed library management web app that minimizes human intervention; Leveraged Google Books API and integrated it with React and Flask back-end, Postgres database was utilized to store student and book data

Sentiment predictor using textual analysis | Python, Data analysis, Feature extraction

- Implemented an automated text based classifier to predict sentiments based on Amazon online food reviews; Applied feature extraction and trained data using Naive Bayes and Regression models

Yoda Chatbot | Intent Classification, NLP, Google Dialogflow, HuggingFace, Chatloop

- Orchestrated a chatbot that talks like Master Yoda; Leveraged intent-classification using HuggingFace, Dialogflow, & Funtranslation API to convert tokens into Yoda based responses

CERTIFICATIONS

Amazon Web Services - Solutions Architect Associate, Developer Associate, Cloud Practitioner

Hashicorp - Terraform Associate, **Microsoft** - Azure Fundamentals, **German A2 proficiency** - Goethe Institute

ACTIVITIES

Research Publications: | [Springer AISC](#)

Hackathons: | Secured 2nd place at national hackathon, **Volunteer:** | San Jose Animal Care, Pune Animal Welfare