

Farhan Ansari

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EDUCATION

Master of Science, Computer Science

Aug 2023 - May 2025

San Jose State University

Courses - Web Development, Cloud Computing, Machine Learning(ML), Artificial Intelligence(AI), Database management

TECHNICAL SKILLS

Tech Stack: Python, Node.js, C/C++, Javascript

Web Technologies and Frameworks: React.js, Flask, REST API, Agile, Docker, HTML, CSS

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

CERTIFICATIONS

Amazon Web Services - Solutions Architect

Microsoft - Azure Fundamentals

Amazon Web Services - Developer Associate

Hashicorp - Terraform Associate

Amazon Web Services - Cloud Practitioner

German A2 proficiency - Goethe Institute

PROFESSIONAL EXPERIENCE

Cloud Engineer, Blazeclan Technologies Pvt Ltd, Pune, India

May 2021 - Jul 2023

Technologies - Node.js, React, Postgres, Docker, AWS RDS, AWS EC2, OpenTelemetry

- Collaborated with a fintech client's full stack development and monitoring team; Created dashboards that governed key business and performance metrics and instrumented notification channels to alert on these metrics
- Composed dockerfiles to install data collections agents in a backend application. The error discovery due to this data collection agent would be sent to respective product owners which led to error resolution in the next Agile sprint
- Instrumented an automation system using Node.js that involved creation of synthetics that monitored database connections, API endpoints and website URL endpoints; led to a decrease in MTTR & enhanced performance by 79%

Cloud Engineering Intern, Blazeclan Technologies Pvt Ltd, Pune, India

Nov 2020 - May 2021

Technologies - Node.js, React, Postgres, AWS RDS, AWS Lambda, AWS S3, AWS EC2, Monitoring

- Designed a full stack video transcoding web app for a multimedia client that transcodes input videos and uploads them to their Youtube channel; Leveraged AWS Lambda, AWS S3 and AWS Transcoding services for transcoding
- Collaborated with a Santa Clara based life sciences organization on a client facing role to build tech dashboards

PERSONAL PROJECTS

Blockchain based grievance redressal web app (Flask | Postgres | REST APIs | ReactJS | Git)

- Implemented a full stack grievance management web app with the core features of blockchain to manage and track grievances using React, FLASK, REST APIs and PostgreSQL
- Published the research paper at [Advances in Intelligent Systems and Computing](#)

Automated library management web app (Flask | Postgres | REST APIs | ReactJS | Google Books API)

- Created a full stack automated library management aimed to minimize human intervention in libraries
- Google books API was used to pull metadata. QR would be generated that were used when borrowing the book

Name Generator using Machine Learning (Python | Machine Learning | CUDA | Pytorch | LSTM | Git)

- Leveraged 'National names' csv dataset to build a name generator model using LSTM network.
- The sampler returns a list of baby names that starts with a string as an input entered by the user

Sentiment predictor using text based Deep Learning (Python | Deep Learning | Feature extraction | Regression)

- Implemented an automated text based classifier that predicts sentiments based on Amazon online food reviews. The model takes food reviews as input and predicts sentiments using Logistic Regression and Naive Bayes classification

PUBLICATIONS

- Springer AISC Series - [Blockchain based grievance management system](#)

ACTIVITIES

San Jose State: Machine Learning Club, **National Smart India Hackathon:** 2nd place, **San Jose Animal Care:** Volunteer