Farhan Ansari

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EDUCATION

Master of Science, Computer Science **Aug 2023 - May 2025**
San Jose State University, San, Jose, CA

Bachelor of Engineering, Computer Engineering **Aug 2016 - May 2020**
International Institute of Information Technology, Pune, India

PATENTS & PUBLICATIONS

- **Patents** - Grievance Redressal System - Indian Patent Office, Mumbai
- **Publications** - Springer AISC Series - Blockchain based grievance management system

SKILLS

- **Languages** - C++, Python, Go, NodeJS, JAVA
- **Cloud platforms-** AWS, Azure and GCP
- **Databases** - MySQL, Postgres
- **Frameworks** - Django, FLASK, Express and ReactJS
- **Container orchestration** - Docker and Kubernetes
- **Infra as Code** - Terraform
- **Monitoring** - New Relic and Grafana
- **CI/CD** - Git, Jenkins and AWS CodeDeploy
- **Microcontrollers -** Arduino and ESP8266

PROFESSIONAL EXPERIENCE

Cloud Engineer, Blazeclan Technologies Pvt Ltd, Pune, India **May 2021 - Jul 2023**

- Designed an alert automation pipeline leveraging **New Relic and Azure** to notify respective team in case a threshold breaches
- Improved client website load time by **0.14 seconds** by identifying time consuming resources using **Proactive monitoring**

Cloud Engineering Intern, Blazeclan Technologies Pvt Ltd, Pune, India **Nov 2020 - May 2021**

- Constructed an automated video transcoding system using **AWS S3, AWS Elastic Transcoder and AWS Lambda Functions**
- Created Proof Of Concept **Fullstack Application Monitoring System** for a hybrid cloud environment containing **Oracle Exalogic, Endeca and AWS EC2 Instances**

PROJECTS

Blockchain based grievance redressal system, I2IT **May 2019 - Sep 2020**

- Implemented a four-tiered grievance management system with the core features of blockchain using **React, FLASK, REST APIs and PostgreSQL**
- Created a transparent system to minimize human intervention and misuse of power thereby making it friendly for the victim

Smart Parking System, I2IT **Jun 2018 - Dec 2018**

- Preemptively discovered vacant parking slots by utilizing **Embedded Systems & IoT** thereby reducing parking time latency and traffic
- Leveraged **ESP8266 along with IR Sensors** in conjunction to detect vacancy, The result would be displayed on a website where the users could see the slot number of vacant slots

CERTIFICATIONS

- **Amazon Web Services** - Solutions Architect Associate
- **Amazon Web Services** - Developer Associate
- **Amazon Web Services** - Cloud Practitioner
- **Microsoft** - Azure Fundamentals
- **Hashicorp** - Terraform Associate
- **Goethe Institute** - German A2 level

AWARDS & COMPETITIONS

- **Smart India Hackathon 2019 Finalists** - Ministry Of Education, India
- **Rising Star 2021** - Blazeclan Technologies Pvt Ltd
- **Outstanding Performance ; Delivery & Operations 2022** - Blazeclan Technologies Pvt Ltd

EXTRA CURRICULAR

- **San Jose Animal Care Services** - Animal Care Volunteer
- **Pune Animal Welfare Organization** - Stray animal feeder, fosterer and rescuer
- **University Chess Team** - Member of SJSU Gold Team
- **University Soccer Team** - Goalkeeper for I2IT soccer team