

# JASVITH CHAND ANNE

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## EDUCATION

### Masters in Computer Science

Arizona State University, Tempe, United States

Aug 2021 - Apr 2023

GPA 3.7/4.0

### Bachelors in Computer Science

Amrita Vishwa Vidyapeetham, Coimbatore, India

Jun 2017 - Jun 2021

GPA 3.8/4.0

## PROFESSIONAL EXPERIENCE

### CVS HEALTH

Software Engineer, Arizona, USA

Jan 2024 - Present

- Developed automation tools that park unused clusters on weekends, **saving \$800,000 annually**.
- Created a central automation platform to streamline processes, including automated SNOW CTASK creation for deployments.
- Implemented an internal tool for direct Vault upgrades, reducing manual ticket handling and improving efficiency.
- Engaged in on-call rotations playing a key role in postmortem analysis and applying insights to prevent future occurrences of similar issues.

### TATA CONSULTANCY SERVICES

Software Development Intern, Telangana, India

Mar 2021 - May 2021

- Collaborated an application that reads e-Pub files and ingest the content into searchable format.
- Processed and **indexed 1,000+ e-Pub** files, enabling users to easily access and search content across multiple platforms.

## PROJECTS

### Enhanced ASL Communication, Personal Project

Aug 2023

- Innovated a real-time American Sign Language (ASL) recognition system using computer vision and machine learning to interpret hand gestures, enhancing communication for the **Deaf and Hard of Hearing** community.
- Trained and fine-tuned a Random Forest Classifier with a comprehensive dataset, achieving impeccable 100% accuracy.

### Kabutar – Instant Messaging Social Media App, Personal Project

Mar 2022

- Designed an end-to-end social media application using React JS for the frontend, NodeJS and Express JS for the backend, and MongoDB for the database, following the architecture of Facebook.
- Drafted features such as user **authentication, real-time messaging, news feed, friend requests, and notifications**, ensuring a seamless user experience.

### Personality Classification through Social Media Profiles, ASU Semantic Web Mining

Jan 2022 - Mar 2022

- Composed a machine learning model to classify **10 million** social media users based on personality traits and associated social media behavior, with a total accuracy of **94.6% for 50 aspects**.

### Course Recommendation System, Amrita Viswa Vidhyapeetham

Feb 2019 – Jan 2020

- Devised an application that recommends 300+ courses to students based on the career interests using **Content based filtering and Cosine Similarity**.
- Incorporated AWS EC2 instance for launching the application and also includes a straightforward chatbot using ReactJS, NodeJS and MongoDB that enables students to speak with faculty members directly for additional support.

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, JAVA.

**Frameworks/Libraries:** ReactJS, NodeJS, Flask, OpenCV, Django.

**Cloud Services:** GCP, AWS, Kubernetes.

**Tools and Technologies:** Docker, Splunk, Grafana, ArgoCD, Jenkins, CircleCI.

**Databases:** PostgreSQL, MySQL, Firebase, MongoDB.

## PROFESSIONAL CERTIFICATIONS

- AWS Certified Solutions Architect - AWS**
- GCP Associate Cloud Engineer - Google**
- Introduction to Generative AI - Google**

## ACHIEVEMENTS

- Workshops Coordinator for the ANOKHA (**7th largest** fest in India).
- Achieved first place in the UOL Zoom Photography Contest, showcasing exceptional visual storytelling skills and technical expertise among over 150 participants in a competitive environment.