JASVITH CHAND ANNE

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EDUCATION

Masters in Computer Science   ***Aug 2021 - Apr 2023***
Arizona State University, Tempe, United States   GPA 3.7/4.0
Bachelors in Computer Science   ***Jun 2017 - Jun 2021***
Amrita Viswa Vidyapeetham, Coimbatore, India   GPA 3.8/4.0

PROFESSIONAL EXPERIENCE

SDE Intern, *Tata Consultancy Services, India*   ***Mar 2021 –May 2021***
- Created an application that reads e-Pub files and ingest the content into searchable format.
- Successfully processed and indexed 1,000+ e-Pub files, enabling users to easily access and search content across various platforms.
- Received recognition from the team for outstanding problem-solving skills and a proactive approach in delivering high-quality solutions.

System Engineer Intern, *Jisnu Communications, India*   ***May 2018 - Jul 2018***
- Designed a Motion Control System application that sends and receives data from air crafts for real time tracking.
- Automated the report collecting system for analyzing and summarizing data, increased the throughput optimization by 80% for delivery.
- Analyzed source code and identified 20+ functionality issues.

PROJECTS

Enhanced ASL Communication, *Personal Project*   ***Aug 2023***
- Developed a real-time ASL recognition system using computer vision and machine learning techniques to accurately interpret hand gestures, facilitating seamless 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.

Image Recognition using AWS, *ASU Cloud Computing*   ***Aug 2022 - Nov 2022***
- Built an elastic application that recognizes images and can automatically scale out and in on demand and cost-effectively by using the PaaS cloud which reduced the cost by 40%.
- Drafted the application frontend using ReactJS, CSS3, JavaScript and backend using Flask thereby managing the end- to-end infrastructure on the cloud.

Course Recommendation System, *Amrita Viswa Vidyapeetham Cloud Computing*   ***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.

Personality Classification through Social Media Profiles, *ASU Semantic Web Mining*   ***Jan 2022 - Mar 2022***
- Created a machine learning model to classify 10 million social media users based on their personality traits and associated social media behavior, with a total accuracy of 94.6% for 50 aspects.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java, C++.
Databases: PostgreSQL, Firebase, MongoDB, MySQL.
AWS: EC2, Lambda, S3, SQS, RDS, DynamoDB, ECS.
Frameworks/Libraries: ReactJS, NodeJS, OpenCV, Django, Flask, HTML5, CSS3, XML.
Tools and Technologies: Docker, GitHub, Splunk, TensorFlow.

PROFESSIONAL CERTIFICATIONS

- **Introduction to Generative AI** - Google
- **AWS Certified Solutions Architect** - AWS
- **Intel Deep Learning SDK overview on commercial IoT** - Intel.
- **Foundations of Data** - Google
- **HTML, CSS and JavaScript for Web Developers** – Johns Hopkins University

ACHIEVEMENTS

- **Student Coordinator** for all the workshops happened during Anokha (7th largest college fest in Asia).
- **Lead Position** in college photography club.