SWARALI CHINE

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SUMMARY

Dedicated team player with proven leadership and organizational skills who can be relied upon by your team, to achieve it's goals. Seeking full-time opportunities starting June 2023.

EDUCATION

- **Arizona State University** — Tempe, Arizona
  Master of Science in Computer Science ; GPA : 3.78/4.0 — Aug '21 - May '23 (Expected)
- **Pune Institute of Computer Technology** — Pune, India
  Bachelor of Engineering in Electronics and Telecommunications ; GPA : 8.62/10.0 — July '15 - June '19

TECHNICAL SKILLS

- **Languages** : C/C++, Java, Python,Java,JavaScript, Shell Scripting, Spring Boot
- **Databases** : MySQL, Big Query, MongoDB, PostgreSQL
- **Libraries** : NumPy, Pandas, OpenCV, scikit-learn , matpotlib
- **Frameworks :** ReactJs,Django, Flask, Bootstrap, Keras, TensorFlow, PyTorch
- **Operating Systems :** Windows, Linux (Ubuntu), MacOS
- **Other :** Git, AWS(EC2,S3),Azure, Kubernetes

WORK EXPERIENCE

- **Emetric, LLC** — San Antonio,Texas
  DevOps Engineer Intern — May '22 – Present
  - Working on developing operations, automating operational processes, managing continuous delivery systems, and
  - maintaining cloud services.
  - **Technology** - Microsoft Azure, DevOps
- **Yardi Software India Pvt Ltd** — Pune, India
  Software Engineer — Aug '19 - Aug '20
  - **Development** - Worked extensively on end to end execution of data migration projects involving ETL, data mapping, conversions. Gathering business requirements, designing and developing various customize reports. Handled large sets of data cleaning and data manipulations in CRM/Voyager product of Yardi.
  - **Ownership** - Resolved data issues related to Balance sheet, Income statement, Ledger Reports, Financial aging reports. Collaborate with management and peers to address complex client requests and resolve issues.
  - **Mentoring** - Delivered training to new employees on Yardi's product features, in house reporting tool YSR.
  - **Customer Support** - Resolved a total of 750+ critical cases and modification cases. Worked closely with consultants and account managers post live conversion to provide any required technical support.
  - **Technology** - Python, SQL, MS SQL Server,C#,.Net,SSRS,Excel

PROJECTS

- **AWS Face Recognition as a Service (IaaS) :** Cloud Computing | ASU
  - Designed a face recognition REST Service based on a deep learning model (CNN), AWS services (S3,SQS,EC2) and Java Spring Boot which can scale out and in based on user demand and handle multiple concurrent requests.
  - **Technology -** Java Spring Boot, Amazon Web Services (AWS) - SQS, EC2, S3, Python
- **AWS Face Recognition as a Service (PaaS) :** Cloud Computing | ASU
  - Developed a real-time face recognition application which is serverless and uses Function as a Service model of cloud computing. Raspberry Pi is used as the edge device to record videos and AWS Lambda function based on a container image (deep learning model) is used to provide the face recognition service.
  - **Technology -** Python, Docker, Amazon Web Services (AWS) - Lambda, S3, DynamoDB, API Gateway; Raspberry Pi
- **Movie Recommendation Engine :** Semantic Web Mining | ASU
  - Built a movie recommendation system which will recommend users movies as per their preference using matrix factorization.
  - **Technology** - Python, HTML, CSS, JavaScript, KNN, Matrix Factorization
- **Continuous Glucose Monitoring :** Mobile Computing | ASU
  - Used various machine learning algorithms viz. Logistic Regression, Random Forest, GaussianNB, SVM
  - K-Nearest Neighbor to predict the timing of insulin ingestion by guessing meal intake from Continuous Glucose Monitor's data.
  - **Technology** - Python, Jupiter Notebook, Machine Learning models.
- **Sign Language Conversion For Tiny-Tots :** Bachelor's Final year project | PICT
  - Built an educational module to teach English grammar and spellings to physically challenged children.
  - **Technology -** Python, MATLAB, Machine Learning Algorithms, CNN

OTHER WORK EXPERIENCE

- Arizona State University, Tempe, AZ: Graduate Statistics Tutor (17hrs/week) — Dec '21 - May '22
- Student Volunteer at IEEE technical events held at PICT. — Sept '16 - Sept '17