

SWARALI CHINE

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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, JavaScript, HTML, CSS
- **Databases** : MySQL, Big Query, MongoDB, PostgreSQL
- **Libraries** : NumPy, Pandas, OpenCV, scikit-learn, Matplotlib
- **Frameworks** : ReactJS, Django, Flask, Bootstrap, Spring Boot, Keras, TensorFlow, PyTorch
- **Operating Systems** : Windows, Linux (Ubuntu), MacOS
- **Other tools** : Bash, Git, AWS(EC2,S3), Azure, Kubernetes

PROFESSIONAL WORK EXPERIENCE

- **Emetric** San Antonio, Texas
DevOps Engineer Intern May '22 - Present
 - Working on developing operations, automating operational processes, managing continuous delivery systems, and maintaining cloud services.
 - Setup CI/CD pipelines using Gitlab and Azure Pipelines.
 - Deploy and Troubleshoot .NET Core, NodeJS applications and Microservices in **Azure Kubernetes Service (AKS)**.
 - **Technology** - Microsoft Azure, DevOps, Python, Bash, Git
- **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

TECHNICAL 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 (18hrs/week) Dec '21 - May '22