

Gaurav Hoskote

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EDUCATION

Arizona State University

Master of Science (MS) in Computer Science, GPA: 3.95/4.00

Aug 2022 - May 2024

Pune Institute of Computer Technology (PICT), India

Bachelor of Engineering (BE) in Electronics and Telecommunications, CGPA: 7.75/10.00

Jul 2015 - Oct 2019

SKILLS

- **Programming Languages:** Python, Java, C++, JavaScript, MATLAB, Linux Commands.
- **Databases/Storage Systems:** MySQL, Postgres, Apache Spark, Elastic DB, DynamoDB, Foxtrot, InfluxDB, Grafanna, Apache Kafka, RabbitMQ, Apache Hadoop, Redis, Apache Airflow, PGBulkload.
- **DevOps Technologies and Tools:** Git, Jenkins, Maven, Docker, Hibernate.
- **Libraries/Frameworks:** Spring Boot, Flask, Django, Postman, React, Postman, Numpy, Pandas PyTorch, Keras, Tensorflow, Boto3.
- **Relevant Coursework:** Machine Learning, Data Mining, Knowledge Representation, Data Processing, Spatial Data Science.

WORK HISTORY

Seidman Research Institute

Programming Technician/ Data Scientist

March 2023 - Present

- Worked on the Job Growth Project that focused on creating an ETL pipeline that extracted publicly available job data from the Government website and performing operations to find the percentage job growth across different categories. The pipeline used AWS RDS for storing data and data processing tools like SQLAlchemy, pandas, numpy, etc.
- The link to the website can be found [here](#).

WP Carrey School of Business

Teching Assistant

Aug 2023 - Present

- I've been instrumental in guiding students through Python coding and Machine Learning assignments in my role as a teaching assistant for courses CIS 591 and CIS 508. I've developed an auto-grading system, that incorporates generative AI using ChatGPT APIs for providing personalized feedback to students. This system also maintains a detailed log of student information, enhancing the grading process.

DHL Global Forwarding

IT BPO Intern

June 2023 - Present

- Proficiently streamlined the onboarding of goods on to shipping containers by creating an online version of the manually filled D-container form. Developed an online iteration of the previously manual D-container form utilized to monitor dispatched packages from the warehouse, employing the Flask Web framework. This automation resulted in a notable 28% increase in productivity among warehouse personnel. Currently working on a Data Science project involving dashboard creation using Qliqsense.

Phonepe Pvt Ltd

Member of Technical Staff

Feb 2020 - Aug 2021

- **Anomaly Detection:** Successfully developed and deployed a system that prevented potential financial losses by proactively identifying changes in success rates of transactions across different categories.
- **Reconciliation Services:** Developed ETL pipelines that perform reconciliation of transaction data with partner merchants by extracting data from different data sources like SFTP servers and REST APIs. Led the design and development of Reconciliation systems for prominent service providers, such as Visa Cybersource, Airtel, and Billdesk, generating monthly revenue of over a million dollars for each provider.
- **Product Service API:** Developed highly functional product service APIs for the credit card category that streamlined the Operations Team's repetitive tasks, resulting in significant improvements in the average response time for each ticket raised.
- **Leadership:** Demonstrated strong leadership as the Product Owner for Credit Card, successfully managing a team of four to ensure the product's seamless operation. Proactively implemented various enhancements, resulting in an impressive success rate improvement of over 20% for transactions.
- **Engineering Excellence:** Led engineering excellence initiatives, resolving 20+ system issues and delivering notable improvements. Ranked 4th out of 31 teams in the company-wide hackathon, showcasing exceptional skills.
- **Hiring:** Conducted over 15 technical interviews and hired new talent to join the company. [Link](#) of Project Details.
- **Techstack used:** Java(Dropwizard), Python, Grafana dashboards, Foxtrot Query Language, MySQL DB, Influx DB, Crontab.

HSBC Software Development India

Software Engineer

Jul 2019 - Jan 2020

- After completing training in Web Technology, joined HSBC's Due Diligence Team and worked closely with project managers to ensure smooth delivery of projects by implementing best coding practices, while also making improvements to the Channel Services component and collaborating on the delivery of several projects that streamlined the customer onboarding process.

ACADEMIC PROJECTS

PyTorch NoCode Web Platform for building Neural Nets -Flask, Python, Pytorch, React JS, PostGresDB

July 2023

Autograd Engine for Neural Network gradient Calculation -C++

Jan 2023

Image Captioning Service using ResNet50 and Xception Model - Python, Keras, TensorFlow, PyTorch

Nov 2022

Geospatial Operations Console - JavaScript, Flask, Python, Scala, Apache Sedona, DeckGL

Nov 2022

Auto Scalable Image Recognition service using AWS - Flask, Python, Boto3, AWS - EC2, S3, SQS, Lambda, DynamoDB

Mar 2022

Library Attendance Management App - Java Swing, MYSQLDB

Mar 2019