

# Gaurav Hoskote

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## WORK EXPERIENCE

### DHL Global Forwarding

June 2023 - Present

Software Engineer

- **Data Pipeline:** Developed a robust pipeline to extract insights and visualize user engagement patterns within several proprietary tools used by employees of DHL Global Forwarding and its clients.
- Designed schemas and built tables to efficiently manage user data. Implemented SQL stored procedures to extract pertinent information seamlessly.
- Utilized Qlik Sense for data visualization, facilitating informed decision-making processes that led to a notable 22% surge in application usage.
- **Techstack used:** MySQL Management Studio, QlikSense.

### Seidman Research Institute

March 2023 - Dec 2023

Software Engineer

- **Data Analytics:** Worked with a team of economists on the Job Growth Project that focused on creating an data pipeline that extracted publicly available job data from the US Government website and performing operations to find the percentage job growth across different categories.
- **Techstack used:** Python, AWS RDS, SQLAlchemy, pandas, numpy, etc.
- The link to the website can be found [here](#).

### Phonepe Pvt Ltd

Feb 2020 - Aug 2021

Software Engineer

- **Anomaly Detection:** Developed and scaled an Anomaly Detection System that proactively identified fluctuations in transaction success rates, mitigating potential financial losses.
- The system was instrumental in identifying and alerting stakeholders about outages happening in the system preventing losses of more than a million dollars.
- **Reconciliation Systems:** Designed and built pipelines for reconciling transaction data with partner merchants, extracting information from diverse sources including SFTP servers and REST APIs.
- Played a key role in designing scalable Reconciliation systems for industry leaders like Visa Cybersource, Airtel, and Billdesk, generating monthly revenues surpassing 5 million dollars.
- **Product API:** Built robust product service APIs tailored for the Credit Card category, optimizing the Operations Team's workflow and reducing average ticket response times by over 67%.
- **Leadership:** As the Product Owner for Credit Card, provided effective leadership to a team of four, ensuring seamless product operations. Implemented proactive enhancements, resulting in a remarkable 21% increase in transaction success rates.
- **Engineering Excellence:** Led engineering excellence initiatives, resolving 20+ system issues and delivering notable improvements. Ranked 4th in the nation-wide company hackathon, showcasing exceptional skills.
- **Hiring:** Conducted over 15 technical interviews and hired new talent to join the company.
- **Techstack used:** Java(Dropwizard), Python, Swagger, Grafana, Foxtrot, Mockito, MySQL DB, Influx DB, Crontab, Junit, RabbitMQ.

### HSBC Software Development India

Jul 2019 - Jan 2020

Software Engineer

- **Customer Due Diligence:** Enhanced the risk calculation module by refactoring it to incorporate distinct evaluation rules tailored for fraud detection and identification of defaulters.
- Collaborated on optimizing web-based electronic forms to streamline the customer onboarding procedure, leading to notable enhancements in operational efficiency.
- Worked closely with project managers to ensure smooth feature project delivery by implementing best coding practices and refactoring multiple code modules.
- **Techstack used:** Java Spring Boot, Mockito, Junit, MySQL, Hibernate, Maven.

## SKILLS

- **Programming Languages:** Python, Java, C++, Shell Scripting.
- **Databases and DevOps Tools:** MySQL, Postgres, Apache Spark, Elastic DB, DynamoDB, Foxtrot, Grafana, Apache Kafka, RabbitMQ, Apache Hadoop, Redis, PGBulkload, Git, Jenkins, Docker, Hibernate.
- **Libraries/Frameworks:** Spring Boot, Flask, Django, Numpy, Pandas PyTorch, Keras, Tensorflow, Boto3.
- **Coursework:** Data Mining, Data Processing at Scale, Spatial Data Science, Data Intensive Systems for Machine Learning .
- **Skills:** System Design, Distributed Systems, Algorithms and Data Structures, Design patterns, API Development, Data Science.

## EDUCATION

### Arizona State University

Aug 2022 - May 2024

Master of Science (MS) in Computer Science

### Pune Institute of Computer Technology (PICT), India

Jul 2015 - Oct 2019

Bachelor of Engineering (BE) in Electronics and Telecommunications