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EDUCATION

- **Arizona State University**   Tempe, AZ
  Master of Science in Computer Science; GPA: 3.95   *Aug. 2022 – May 2024*
- **Pune Institute of Computer Technology**   Pune, India
  Bachelor of Engineering in Electronics and Telecommunications; GPA: 7.75/10.0   *July. 2015 – Oct. 2019*

SKILLS

- **Programming Languages**: Java, Python, C++, JavaScript, MATLAB, Linux Commands, Shell Scripting.
- **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 DS.

EXPERIENCE

- **Seidman Research Institute**   Tempe, AZ
  Programming Technician/ Data Scientist   *Feb 2023 - Present*
  - **Job Growth Tool**: 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. You can find the link to this project here.

- **WP Carrey School of Business**   Tempe, AZ
  Teaching Assistant   *Aug 2023 - Present*
  - **CIS 591**: I am working as a teaching assistant for the course CIS 591 taught by Prof.Geoffrey Pofahl. The course is focused on teaching coding skills in Python programming language to students pursuing masters in Business Analytics. I have worked on setting up coding exercises for students and grading assignments. This is one of the few courses that has harnessed the power of Generative AI to grade the assignments and provide personal feedback to students.

- **DHL Global Forwarding**   Tempe, AZ
  IT BPO Intern   *June 2023 - Present*
  - **D-container form Automation**: Proficiently automated D-container form completion using the Appenate platform to streamline the data collection process for packages dispatched from the warehouse. Effectively utilized automation to enhance efficiency in gathering essential shipment information.

- **Phonepe**   Pune, India
  Member of Technical Staff (Software Engineering/Data Science)   *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 percent 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. You can find the link to project details here.
  - **Techstack used**: Java(Dropwizard), Python, Grafana dashboards, Foxtrot Query Language, MySQL DB, Influx DB, Crontab.

- **HSBC Software Development India**   Pune, India
  Software Engineer   *July 2019 - Jan 2020*
  - **Channel Services**: 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.
  - **Techstack Used**: Java Spring Boot framework, Hibernate, MySQL DB.