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## SKILLS

- Java | Spring | Splunk | NewRelic | Elasticsearch | Redis | Kafka | MongoDB | SQL | GraphQL | AWS AppSync | Lambda | Terraform
- Python | Flask | Airflow | scikit-learn | pandas | NumPy | Databricks | MLFlow | Timestream | Grafana | Sagemaker | Apache Spark
- Microservices | Distributed Systems | ETL | ML Engineering | Backend | Git | VS Code | Language English – *Professional proficiency*

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## EMPLOYMENT

<b>Computer Scientist 2</b>	<b>Adobe, Bangalore, IN</b>	<b>May 2021 - Present</b>
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*Anomaly Detection ML Platform, Adobe Business Platform*

- Conceptualized and detailed out a novel solution to intelligently detect anomalies in key Commerce KPIs.
- Lead the E2E PoC, requirement gathering, technical design, implementation, and deployment of the self-service anomaly detection platform.
- Enabled rapid adoption with detailed documentation alongside a self-service platform to onboard KPIs, tune the ML models & alerting as per the business requirement.

<b>Computer Scientist</b>	<b>Adobe, Bangalore, IN</b>
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*AppStore Integration Service (AIS), Adobe Business Platform*

- Optimized multiple enterprise-level microservice applications of AIS which drives over \$200 million revenue of Adobe indirect commerce
- Enrich real-time monitoring of the AIS services which process over 2 million subscription requests everyday
- Manage on-call responsibilities in the event of critical service outages

<b>Senior Software Engineer</b>	<b>Blue Yonder, Hyderabad, IN</b>	<b>Dec 2016 – May 2021</b>
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*Causal Based Promotional Demand Modelling*

- Lead the PoC analysis, technical design, implementation, and performance testing of a Java based AI/ML batch processing solution for promotional demand modelling
- Assisting the tuning of the deployment to fit within SLAs for customer with over 90 million SKUs in production

<b>Data Scientist, Intern</b>	<b>Predible Health, Bangalore, IN</b>	<b>June 2016 – Oct 2016</b>
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- Implemented a multi-context deep learning algorithm for precise segmentation of digital pathological slides of ovaries for abnormality detection as a consultancy project for Sunpharma Pvt Ltd
- Achieved 100% sensitivity and 95+% specificity on a test set of over 100 slides

<b>Software Engineer</b>	<b>Oracle Pvt Ltd, Hyderabad, IN</b>	<b>June 2014 – June 2016</b>
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*Oracle Cloud Commerce*

- Worked on full stack development projects implementing core product features, improving code coverage and performance optimization.
- Drove the PoC of designing B2B user management, multiple catalog, and price list management as part of an upcoming Oracle Cloud Commerce product

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## EDUCATION

<b>Tamil Nadu, IN</b>	<b>Indian Institute of Technology, Madras</b>	<b>August 2010 – April 2014</b>
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- B.Tech in Electrical Engineering. GPA: 7.27
- Graduation project in “Learning Theory using Fourier Analysis of Boolean Functions”
- Relevant Coursework: Data Structures & Algorithms | Machine Learning | Linear Algebra | Calculus

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## AWARDS & ACCOMPLISHMENTS

- Recipient of the Best Rookie Award in Oracle (2015)
- Recipient of multiple Spot Awards in Blue Yonder (2018-2021)
- Among the 7 recipients of the prestigious ACE award across all BlueYonder in H1-2020
- Recipient of the Kudos Award in Adobe (2022)