Eshaan Devgan

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EDUCATION

UC Irvine
MS in Computer Science | 3.97/4
Sep 2022 – Dec 2023 | Irvine, CA

Guru Nanak Dev University
B.Tech. in Comp. Science | 9.27/10
Aug 2014 – May 2018 | Amritsar, IN

SOFTWARE SKILLS

Programming Languages
Proficient: Python, Java, Typescript
Familiar: C++, C#, MATLAB, GO

Big Data Tech Stack
Proficient: PySpark, ADF, SSAS, Hive, Kafka, Airflow, MySQL, Cassandra, MongoDB, Talend, Redshift, Power BI
Familiar: Zookeeper, Snowflake, Tableau

Web Development
Proficient: Node.js, Typescript, Django, HTML, CSS, JavaScript

Familiar: Flask, React Native, Spring, Bootstrap, JQuery, Vue.js

Miscellaneous
Machine Learning, Data Pipelining, Deep Learning, Map Reduce, Batch and Real-Time Systems, Microservices, SOA, SQL, NoSQL DBs, AWS, Azure, Docker, Kubernetes, Git, CI/CD.

RELEVANT COURSEWORK
Operating Systems
Advanced Data Structures
Parallel and Distributed Computing
Machine Learning
Microservices design and Implementations (ongoing)
Apache Cassandra
AWS Certified Cloud Practitioner
Deep Learning

RELEVANT EXPERIENCE

Proem Sports | Lead Software Engineer / Data Scientist
Nov 2020 – Jul 2022 | Bangalore, IN

- Pioneered a Customer Data Platform with ML algorithms to standardize customer segmentation and optimize decision-making, resulting in a 44% increase in click-through rates and a 34% boost in sales.
- Secured a prestigious SportSG grant by leading the development of a customized, resilient marketing and data analytics solution built in Django for sports clientele.
- Streamlined the existing workflow leading to enhanced data integrity and expediting updates by 120**%**.

Paytm | Software Engineer
Sep 2019 – Jun 2020 | Noida, IN

- Optimized the payout process, resulting in a 1-1.5-hour improvement in the settlement time for merchants.
- Streamlined development of the Custom Payout feature to settle dues for more prominent merchants, improving the overall merchant experience and reducing breaches of SLA by 20%.

Nagarro Software Pvt. Ltd. | Software Engineer
Mar 2018 – Sep 2019 | Gurugram, IN

- Implemented a real-time data distribution system using Apache Kafka, allowing seamless transfer of data from source to multiple data marts, ensuring low-latency data availability for analytics and reporting.
- Designed and implemented resilient client services using Azure Functions, reducing per execution cost and maintenance overhead.

PROJECTS

Subscribite: Grocery Delivery App
Mar-Jun 2023 | Team of 4 | *AWS, Node.js, React Native, Gitlab*

- Architected and implemented Subscribite, a subscription-based grocery delivery app, on AWS using Node.js, React native, Docker, Gitlab, EC2 instances, and MySQL.

TradeFlow: B2B Solution
Sep-Oct 2021| Python

- Developed and implemented TradeFlow, a B2B solution integrating Database Architecture, ADF Pipeline Flow, Notifications, Marketing Flow Process, and Web Log for seamless business operations and data-driven decision-making.