Aditya Verma

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Software Developer with *2 years* in *fintech industry*, *skilled in C++, Python, Java, SQL, Databricks and AWS. Recognized for streamlining systems, enhancing performance, and delivering scalable solutions that drive business impact. Actively seeking an SDE role to leverage technical expertise and contribute to innovative projects.*

Experience

Solution Engineer, **Prodigal** – Bengaluru, Karnataka, India   Jan 2024 – Jul 2024

- **Optimized Systems and Enhanced Efficiency:** Solely optimized pipeline for onboarding clients, provided technical troubleshooting for raw data, and developed automation processes that directly impacted P&L.
- **End-to-End Ingestion Pipeline Management:** Monitoring and managing failures or bugs in data to manage it end-to-end processes.
- **Automation Using AWS Microservices:** Leveraged AWS microservices like (S3, SQS, CloudWatch, etc.) to automate processes such as data ingestion and UI publishing over ProInsights product.
- **Scalable Pipeline Development:** Developing ingestion automation detectors using bots and automating them using cronjobs.
- **Notifier Bots Implementation:** Developed shell scripts with Python for notifying status of pipeline events with help of slack bots integration.

Software Engineer, **Paytm** – Noida, Uttar Pradesh, India   Jun 2022 – Nov 2023

- **Cross-Functional Collaboration on Project Theia:** Acted as a key integration point between multiple teams on Project Theia, an in-house platform critical to PayTM's internal backend operations and revenue impact.
- **Optimization of RESTful API Services:** Optimized and deployed REST API-based services, integrating new APIs to significantly reduce latency.
- **Advanced Debugging and Monitoring:** Utilized AWS Kibana and Grafana for effective debugging and monitoring of request-response cycles of APIs.
- **Bug Fixes and Issue Resolution:** Resolved numerous Jira tickets with comprehensive bug fixes, enhancing the performance and reliability of the PayTM app.

Internships

Software Engineering Intern, **Elite IT Services** — Chandigarh, Punjab, India   Dec 2019 - Jan 2020

Worked with Open Source Development Team over the use of Call Records with postpaid bills and databases.

Publications

Dro-Mal Detector: A Novel Method of Android Malware Detection   Apr 2022

Aditya Verma, Aman Chandok   ieeexplore.ieee.org/documentLink

Projects

Image Captioning / Hashtag Generator   Link

- Achieved 95% testing accuracy by training images from the Flickr8k dataset using ResNet50 architecture and a CNN algorithm over multiple epochs.

Packet Sniffer   Link

- Developed a Python script using sockets to hack files, folders, and directories on remote servers, earning an award from the IT department's HOD for its innovative design and execution.

Backdoor Malware Intruder   Link

- Created a hackable code in Python to hack the files and folders and using directories of other servers. Received award from HOD of IT department on this project.

Education

Delhi Technological University, B.Tech. in Information Technology   Jun 2018 – Jun 2022

GPA: 8.01/10.00

Technologies

C++, C, Java, Python, Redis, AWS, Jenkins, Unix, Linux, Shell, SQL, Databricks (Pyspark and Data Analytics), MongoDB and Airflow.