Sambhav Anant Rakhe

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WORK EXPERIENCE

Vancouver Airport Authority   **BC, Canada**
Business Intelligence Analyst – Enterprise Advanced Analytics   *May 2022 – Dec 2022*
- Helped facilitate the setup of a centralized system for data analysis and exploration for the Maintenance (MTE) department at the airport by communicating with vendors and planning the implementation and architecture of the system.
- Analyzed and explored the Passenger Bridges at the airport to help provide information to help with the decision making for the business.
- Performed setup and creation of an automated Data Science pipeline for Passenger Load estimation using technologies such as Azure Cloud and Data Bricks. This also will serve as a standard for future collaborative Data Science work at the airport.

Simon Fraser University   **BC, Canada**
Teaching Assistant – Big Data Lab 1   *Sep 2022 – Dec 2022*
- Assisted students in lab with programming setups and weekly assignments and provided guidance for final term projects for different groups and graded the assignments and final term projects.

Uptycs   **MH, India**
Software Engineer   *Aug 2020 – Sep 2021*
- Implemented a new testing framework for the software which reduced bloat caused by previous implementation reducing execution time for test cases to 1/4th of the time.
- Helped in the development of new APIs in node JS that facilitated the use of local cloud implementation.
- Developed system to monitor big data systems and services and provided analysis.

Uptycs   **MH, India**
Software Engineer Intern   *May 2020 – Jul 2020*
- Enabled the use of cloud technology dependencies locally by implementing a local AWS technology. Use of this implementation reduced software testing costs down by over 80% by reducing the use of cloud during testing.

EDUCATION

Simon Fraser University   **BC, Canada**
Master of Science in Computer Science – Big Data   *Sep 2021 – May 2023*
- Machine Learning, Big Data Engineering, Natural Language Processing, Data Mining.

University of Pune   **MH, India**
Bachelor of Engineering – Computer Engineering   *Jun 2016 – May 2020*
- Advanced Data Structures and Algorithms, Theory of Computation, Database Management Systems, Software Engineering and Project Management

SKILLS & INTERESTS

Programming Languages: Python, R, Java, HTML/CSS, Javascript (Node.js, React), C/C++
Data Engineering: ETL, MySQL, PostgreSQL, Oracle, Microsoft SQL, MongoDB, Cassandra, Amazon S3, Google Cloud Storage, Azure Blob Storage, Snowflake, Tableau, PowerBI
Big Data: Hadoop, Spark, Kafka, Hive
Cloud: Docker, Kubernetes, Google Cloud Platform, Microsoft Azure, Amazon Web Services (AWS)
Development: Git, Bash, Jira, Google suite, Microsoft Share Point