Priyanka Sohanlal Jain

(778) 829 5076 spriyankajain20@gmail.com linkedin.com/in/priyankajain20/ https://priyankajain20.github.io/Portfolio/

TECHNICAL SKILLS

- **Languages**: C#, C, C++, Python, Java, HTML5, CSS3, JavaScript, Angular, JQuery, ReactJS
- **Software Development**: Redux, JDBC, REST APIs, Coral APIs, Maven, Django Rest Framework, Numpy, Pandas, AWS S3, AWS EC2, PySpark, Hadoop, Spark Dataframe, Spark RDD, MapReduce, AWS EMR, AWS RDS, PyPy, Spark Classifier, AWS Redshift, AWS Neptune, AWS Fargate, AWS Lambda, AWS Glue, .NET
- **Tools/ Frameworks:** Git, JUnit, Gitlab, Power BI, Tableau, JIRA, Mockito, Selenium, Docker, Kubernetes, Continuous Integration Jenkins
- **Databases:** NoSQL (Cassandra), MySQL, SQL, CQL, Graph DataBase, Gremlin, PostgreSQL, MongoDB
- **Relevant Interests**: Data Structure and Algorithms , Object Oriented Programming, System Design, Database Management System, Operating System, Computer Networks, Machine Learning, Deep Learning.

EDUCATION

Simon Fraser University   **Burnaby, Canada**
Master of Science - Professional Computer Science   *September 2022 – April 2024 (Expected)*

Birla Vishvakarma Mahavidyalaya   **Anand, India**
Bachelor of Technology in Information Technology with **9.39/10.00 CGPA**   *July 2018 – June 2022*

TECHNICAL EXPERIENCE

SOFTWARE ENGINEER   **Ottawa, Canada**
Nokia   *May 2023 – Ongoing*

- Developed and executed robust automation testing and verification scripts in Python, expanding test coverage to ensure thorough validation of critical software components.
- Streamlined the quality assurance process through the implementation of automated testing scripts, resulting in faster, more reliable testing procedures and higher overall software quality.
- Displayed a strong proficiency in scripting languages by migrating legacy Tcl code to modernized and optimized Python code.

SOFTWARE DEVELOPER   **Ahmedabad, India**
Indian Space Research Organization (SAC)   *December 2021 – April 2022*

- Led the development of a comprehensive satellite image enhancement system, integrating real-time data retrieval from MOSDAC in .h5 format, image enhancement algorithms, and secure cloud-based storage.
- Designed and implemented a user-friendly frontend and RESTful APIs, enabling users to request, view, and download enhanced satellite imagery. Incorporated features like zoom, pan, and overlays for efficient data visualization.
- Enhanced the project by integrating notification capabilities, ensuring users receive updates on new data availability and image enhancement completion.

SOFTWARE DEVELOPER   **Ahemdabad, India**
Seaflux Technologies   *May 2021 – November 2021*

- Developed a robust user authentication system using Django's built-in features by implemented user registration, login, and password reset functionalities, enhancing the project's security and usability.
- Spearheaded the development of the Post and Chat features, enabling users to create, read, update, and delete posts and engage in real-time chat conversations.

TECHNICAL PROJECTS

GUI-Based Employee Management System | *Python, SQLite, Plotly, Pyqt5, Mailjet_rest*

- Developed a user-friendly GUI-based Employee Management System using Pyqt5 and SQLite, enabling efficient data organization and manipulation for a hypothetical company.
- Designed and implemented a login page to enhance data security and user access control. Enabled interactive data visualization using Plotly for key insights, improving decision-making.
- Enhanced system functionality by integrating email communication through the use of the Mailjet API, allowing administrators to send emails to specific employees.

VIRTUAL EXISTENCE FOR LOCAL STORES | *Python, React-Redux, Django Rest*

- Spearheaded a group of 3 to design an end-to-end application along with a recommendation system for local stores to attain virtual existence to enter the online world.
- Built frontend APIs using React and handled state management using Redux Framework. Built Backend Restful APIs using Django Rest Framework for performing CRUD operations.