

POORVA TUTEJA

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[Github](#) | [Linkedin](#)

Toronto, Canada

Experience

System Admin Intern

August 2021 to April 2022

Synopsys

- Automated critical portal functions using PowerShell and Python scripts, optimizing workflows and boosting productivity.
- Successfully completed a software developer program, to fortify my expertise in Test-Driven Development. Maintained technical documentation to keep records.
- Enhanced network configuration to optimize communication channels and improve product performance
- Developed and optimized algorithm for real-time data processing, resulting in a 20% improvement in processing speed.
- Implemented memory management techniques to improve the performances of the company's flagship product

Network Engineer

December 2020 to July 2021

British Telecom

- Led the orchestration of a thorough virtual network plan for the London, UK office, outlining essential hardware and software requirements with Inspirational, innovative and entrepreneurial skills.
- Developed, implemented, and supported the virtual network using Piper, the company's proprietary software, ensuring continuous operations and teamwork.

Projects

Data Management and Storage on Microsoft Azure for Indian Examination Board.

- Developed a data management and storage solution on Microsoft Azure to facilitate the storage of critical data for a major Indian educational board, ensuring robust data security, efficient data retrieval, and seamless accessibility, thereby streamlining data management processes for the educational board.
- Operating System Stimulation using C++ and Algorithm Sorting and implemented them in Python to analyze their performance.

Application Development and Enhancement for IPSY (beauty subscription service application)

- Developed and enhanced an application for an IPSY clone project using *Kotlin and Firebase*, focusing on improving the user interface (UI) and user experience (UX) by implementing intuitive design elements and improving navigation.
- Cloned the IPSY application to create a prototype for testing purposes and subsequently enhanced its user interface (UI) and user experience (UX) by implementing intuitive design elements and improving navigation.

Tetris Game Application Development

- Led the conceptualization, design, and implementation of a dynamic Tetris game application using *Kotlin* within the *Android Studio* environment ensuring a seamless user experience.
- Applied a combination of creative problem-solving and attention to detail to deliver a visually engaging and functionally robust gaming experience.

E-commerce website using Amazon Web Services

- Designed and implemented an e-commerce website using Amazon Web Services, including setting up a relational database for inventory management.

Education and Training

Mobile Application Developer

Expected in June 2024

Cambrian College - Toronto (GPA: 4)

- Studied multi-platform app development using Kotlin, UI/UX design, and cloud-based application storage with Firestore, complemented by a strong understanding of C# and .NET programming.

Cloud Architecture and Admin

May 2023

Seneca College - Toronto (GPA: 3.8)

- Gained comprehensive knowledge and continuous learning of cloud computing principles, virtualization, and cloud infrastructure management, including hands-on experience with leading cloud platforms such as AWS and Azure.
- Coursework in distributed systems and computer engineering principles, including hands-on projects using AWS.

Bachelors in Computer Science Engineering

August 2021

GGSIU - Delhi (GPA: 4)

Awards and Certification

- Machine Learning certification from Udemy

Skills

- Proficient Programming Languages - JavaScript, Kotlin, C, C#, C++, Java, Python, Flutter, HTML, CSS, SQL.
- Extensive knowledge of Android Studio, React
- Experience with Software Development Lifecycle (SDLC) and agile methodologies
- UI/UX Design
- Knowledge of Firestore (Google Cloud Platform)
- Microsoft Azure to provide cloud storage for Mobile Application Mastered Git for streamlined version control, seamlessly integrating collaborative development efforts.
- Familiar with XML, JSON, REST.
- Proficient in relational database (MySQL, PostgreSQL)
- Distributed Systems (Hadoop, Apache Kafka),
- Amazon Web Services (EC2, S3, RDS, Docker) and Agile Methodologies.
- Strong understanding of data structures, algorithms, and software development methodologies