Lipika Dudeja

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EDUCATION

Manipal University Jaipur	Jaipur, Rajasthan
Bachelor of Computer Science Engineering	*Expected May 2026*
CGPA: 9	

Blue Bells Public School	Gurugram, Haryana
Senior School Certificate Examination	*May 2022*
Percentage: 94.8	

Blue Bells Public School	Gurugram, Haryana
Secondary School Certificate Examination	*May 2020*
Percentage: 93	

EXPERIENCE

Softaware Development Intern	20,May 2024 – Present
Siemens Limited	*Gurugram, Haryana*

- Developed a Graphical User Interface (GUI) using Python, PySide6, and QtDesigner.
- Implemented Model-View-Controller (MVC) architecture in an Inventory Management System

TECHNICAL SKILLS

Programming Languages::C, C++, Python, Java, SQL

Operating Systems: Linux, Windows
Developer Tools: Git, Visual Studio Code, PyCharm, Jupyter Notebook
Frameworks Libraries: NumPy, PyQt, OpenGL
Cloud Platforms:: AWS (S3, EC2, VPC, CloudFront)
Applications:: AutoCAD, QtDesigner, Microsoft Office

PROJECTS

Basic Linux Kernel Module | *C, Linux Kernel*

- * Developed a basic Linux kernel module, demonstrating interaction with user-space applications
- * Explored system calls and memory management in Linux.

Banking Management System | *Java, SQL*

- * Developed a Java-based Banking Management System for secure account management and transactions.
- * Implemented account creation, modification, deletion, and transaction processing.
- * Added features such as interest calculation for savings accounts and loans.

E-commerce Fashion Website on AWS | *AWS (S3, VPC, EC2, Amazon Cognito), React*

- * Designed and developed a scalable e-commerce fashion website hosted on AWS.
- * Utilized AWS S3 for storage, configured VPC for secure networking, and deployed backend services on AWS EC2.
- * Implemented Amazon Cognito for user authentication, including OTP verification.

HONOR AWARDS

Dean's List of Academic Excellence	1st, 2nd and 3rd Semester

1st Prize Google Techstars Startup Weekend Jaipur with Rs 50,000 cash prize	September 2022