

Mandip Amgain

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| Portfolio: <https://mandip77.github.io/Portfolio/>

Education

Bachelor of Science in Information Technology

Northeastern University, Expected Graduation: December 2025

Associate of Science in Computer Science

Bunker Hill Community College, Graduation Date: 2023

Relevant Coursework: Data Structures and Algorithms, C++ Programming, Advanced Java Programming, Spring Boot MySQL, Android Development using Kotlin

Certifications

Google IT Support

Provider: Google on Coursera, Date Earned: December 10, 2023

Technical Skills

Programming Languages: Java, Spring Boot, C++, Python, Kotlin (Android Development)

Other Skills: React Framework, Databases, SQL, Git, GitHub, Linux, IT Support, MS Excel

Relevant Projects

File Compression

Implemented binary tree structures for efficient compression and decompression. (Academic Project) [GitHub Link]

Stock Data Interface

Developed a Python-based platform for real-time stock data visualization via public APIs. (Self-taught Project) [GitHub Link]

Inventory & Microservices System

Created using Java, Spring Boot, Bootstrap, and MySQL focusing on user experience. (Academic Project) [GitHub Link]

Professional Experience

Tech Center, Illinois College (3 months)

Managed student attendance records, assisted with resource utilization including projectors and digital boards, and provided technical support to students.

Community Engagement

Participated in cleaning activities at Patan Durbar Square and Hattiban Lalitpur area. Aided Dhunibesi, Dhading school with donations of educational materials and engaged students in sports and extracurricular activities like soccer, music, and games.