

# Anmoldeep Singh

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## Skills

### Programming Languages:

Java, Python, PHP, C++, JavaScript

### Technologies & Tools:

- Node.js, React.js, Express.js, HTML, CSS, Bootstrap
- **Databases:** MySQL, MongoDB
- **Networking Concepts:** TCP/IP, DHCP, DNS
- **Others:** Distributed Database Management, Data Structures, Algorithms, Cloud Computing, Flask, Django, Spring Boot, Linux, .Net

## Projects

### Python Blog Website (Flask)

- Successfully developed a dynamic blog website using Flask, showcasing expertise in web development.
- Implemented user-friendly features resulting in seamless functionality and an intuitive user experience.
- Leveraged Python skills proficiently to create an engaging and interactive blogging platform.

### Java Projects

- Developed games (Tic-Tac-Toe and Number Guessing) and utility tools (RLE decoder).
- Applied core OOP concepts like inheritance and polymorphism.
- Created GUI applications, including a versatile shape drawing tool and a Stock Market Analyzer for detailed stock data analysis.
- Implemented client-server communication in an application.

### Database Projects

- Proficiently handled ER and EER modeling, table operations, and complex queries like JOINS.
- Executed projects in relational algebra, enhancing database theory understanding.
- Demonstrated expertise in database design, administration, and data manipulation.

### Algorithmic Exploration (C++)

- Explored advanced algorithmic concepts, covering sorting techniques, linked lists, and data structures like stacks and queues.

### Task Manager Web App (React.js)

- Developed a robust Task Manager app using HTML, CSS, JavaScript, Node.js, React.js, and MongoDB.

- Implemented task prioritization, due dates, reminders, secure authentication, and efficient data management.

### **Apple Smartphone E-commerce Site (PHP)**

- Crafted a dynamic e-commerce platform exclusively for Apple smartphones using HTML, CSS, PHP, and MySQL.
- Ensured a seamless shopping experience with secure payments and robust product search functionality.

## **Education**

**Langara College | Vancouver, Canada**

April 2023 | Diploma in Computer Studies

## **Ongoing Learning**

- Currently pursuing Spring Boot for Java web development.
- Acquiring skills in Bootstrap for responsive web design.
- Engaged in learning game development with Unreal Engine using C++.