

# Bipin Singh Negi

## Software Developer Intern

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🌐 <https://github.com/Bipin004Negi> | 🌐 <https://bipin004negi.github.io/MyPortfolio/>

### SUMMARY

Motivated and detail-oriented Computer Science student with a strong interest in software development and problem-solving. Proficient in C/C++, Python, and frontend development using HTML5, CSS3, and JavaScript. Solid understanding of data structures and algorithms, with a focus on writing clean, maintainable code. Eager to learn modern technologies, work in collaborative environments, and contribute to building scalable, user-centric applications.

### TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, JavaScript, HTML5, CSS3
- **Frameworks and Tools:** Bootstrap, Git, GitHub, VS Code
- **Databases:** MySQL, MongoDB
- **Operating Systems:** Windows, MacOS
- **Other Software:** MS Office Suite (Word, Excel, PowerPoint)

### INTERPERSONAL SKILLS

Team Collaboration | Analytical thinking | Empathy | Problem solving | Adaptability | Mentoring | Conflict Resolution | Active Listening

### EDUCATION

#### Chandigarh Group of Colleges

*Bachelor of Technology in Computer Science Engineering | CGPA: 8.38*

Landarn, Mohali

2022 - 2026

#### Jawahar Navodaya Vidyalaya

*Intermediate (CBSE) | Percentage: 87*

Pithoragarh, Uttarakhand

2020 - 2021

### PROJECTS

#### GrowthLens: Python-Powered GDP Explorer | *Python, Pandas, NumPy, Matplotlib, HTML5, CSS3*

2024

- Developed a Python-based GDP calculator for multi-country and multi-year economic data analysis using Pandas and NumPy.
- Integrated Matplotlib and Plotly to generate interactive visualizations and comparative charts.
- Implemented data validation to ensure accuracy and consistency across diverse datasets.
- Automated report generation with dynamic HTML output for user-friendly presentation of analysis results.

#### SmartLib | *Python, Flask, MongoDB, HTML5, CSS3*

2024

- Designed and developed a responsive Library Management System using HTML, CSS (front-end), Flask (back-end), and MongoDB (database).
- Implemented core features such as adding, updating, and deleting library records to streamline resource management.
- Enabled efficient user interaction through a clean, intuitive interface for both administrators and users.
- Collaborated in a team of two, ensuring modular code structure and smooth integration between front-end, back-end, and database components.

#### Spotify and Netflix clone | *HTML5, CSS3, JavaScript*

2024

- Developed functional clones of Spotify and Netflix using HTML, CSS, and JavaScript, simulating essential features like media playback and browsing UI.
- Designed responsive user interfaces that adapt seamlessly to different screen sizes, ensuring an engaging and consistent user experience.
- Implemented interactive elements such as play/pause controls, navigation menus, and content carousels to mimic real-world application behavior.
- Strengthened front-end skills by working independently on the complete design and logic, improving proficiency in layout structuring, styling, and JavaScript interactivity.

### CERTIFICATIONS

- Meta Front-End Developer from Coursera (2023-24)
- Python Fundamentals for Beginners from Great Learning (2024)
- Excell Skill Job Simulation from JPMorgan Chase and Co. (2024)
- AWS Academy Graduate – AWS Academy Cloud Operations(2025)
- Basics of Data Structures and Algorithms in C++ from Simplilearn (2025)
- Training in Cloud Computing with AWS from Internshala (2023)

### ACADEMIC ACHIEVEMENTS

- Reached in final round in SIH held in our college (2023)
- Participated in National Science Day Coding Competition (2024)
- Three star achieved at hacker rank in Python Programming

### EXTRA CURRICULAR AND CO-CURRICULAR ACHIEVEMENTS

- Organized and Coordinate events related to Department of International Affairs (2024)
- Organizer and Coordinator of National Science Day (2023)