

# Snehil Dey

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leetcode.com | github.com/neil0604

## EDUCATION

<b>Birla Institute of Technology</b> <i>B.Tech in Computer Science and Engineering</i>	Jun 2022 – Present <i>CGPA: 8.05</i>
<b>JVM Shyamali</b> <i>Senior Secondary (CBSE)</i>	Jun 2020 – Aug 2022 <i>Score: 83.4%</i>
<b>St. Thomas School</b> <i>Secondary (ICSE)</i>	Apr 2007 – May 2020 <i>Score: 92.6%</i>




## EXPERIENCE

<b>Full Stack Developer Intern</b> <i>C-DAC, Pune</i> <ul style="list-style-type: none"><li>– Built a grievance system to take user queries via WAMIS and notify concerned authorities.</li><li>– Implemented a priority escalation system for unanswered queries.</li><li>– Used Spring Boot, SQL, HTML/CSS/JS for development; Azure for storage; Docker and GIT for version control.</li></ul>	May 2024 – Aug 2024 <i>Pune, India</i>
<b>Cybersecurity Intern</b> <i>SAIL India</i> <ul style="list-style-type: none"><li>– Worked on a project that checks the web security of given websites.</li><li>– Utilized Python libraries for development; Azure for storage security; GIT for version control.</li></ul>	June 2025 – Current <i>Ranchi, India</i>

## SKILLS

**Languages:** Java, Python, SQL, C++  
**Frameworks/Platforms/Tools:** Spring Boot, MongoDB, React, Power BI, HTML/CSS, Azure, MERN Stack  
**Concepts:** Data Structures & Algorithms, OOP, DBMS, ML, Problem Solving

## PROJECTS

<b>Real-Time Chat App</b>  <ul style="list-style-type: none"><li>– Developed a full-stack, real-time chat application using the MERN stack and Socket.IO for instant messaging.</li><li>– Implemented secure user authentication and authorization using JSON Web Tokens (JWT).</li><li>– Enhanced performance by integrating Redis for caching session data.</li><li>– Designed a responsive UI with features like online status indicators.</li></ul>	Jun 2025 – Jul 2025
<b>AI-Powered Article Summarizer (Chrome Extension)</b>  <ul style="list-style-type: none"><li>– Engineered a Chrome extension using JavaScript, HTML, and CSS to extract and summarize web article content on the fly.</li><li>– Integrated the Google Gemini API to provide intelligent, context-aware summaries of news articles, blog posts, and novel chapters.</li><li>– Built with Manifest V3 standards, ensuring enhanced security, privacy, and performance by using service workers for background tasks.</li><li>– Designed a clean, intuitive UI for one-click summarization, improving user productivity by delivering concise information directly in the browser.</li></ul>	May 2025 – Present
<b>Potato Leaf Disease Detection</b>  <ul style="list-style-type: none"><li>– Building a tool for farmers to assess plant health using image-based ML.</li></ul>	Feb 2025 – April 2025

## ACHIEVEMENTS

1526 contest points and 250+ questions solved on Leetcode (as of March 2025).  
Microsoft Azure Certification (June 2025) [View Badge](#).

## LANGUAGES

**Languages:** English (Full Professional Proficiency), Hindi (Full Professional Proficiency), Bengali (Professional Working Proficiency)

## INTERESTS

Reading, Swimming