

# SARTHAK SHARMA

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ACADEMIC DETAILS			
Year	Degree/Exam	Institute	GPA/Marks(%)
Aug, 2019 - Jun, 2023	B.TECH in Computer Science	Graphic Era Hill University Bhimtal	9.01 CGPA
2019	C.B.S.E	Amtuls public school	94 % in PCM
2017	C.B.S.E	Sanwal public school	8.8 CGPA

POSITIONS OF RESPONSIBILITY	
<div><div>• <b>Teaching Assistant (Competitive Programming &amp; DSA Mentor)</b></div><div>WECODE Coding Club, Graphic Era Hill University, Bhimtal</div><div>Aug, 2021 – July, 2022</div><div><a href="#">certificate</a></div><div><ul style="list-style-type: none"><li>Mentored 200+ juniors in competitive programming/DSA via open-source contributions to various domains.</li><li>Organized 40+ coding competitions, creating/testing problem sets.</li><li>Delivered 5 workshops/seminars on Time/Memory optimization topics, DP, Graphs, BT, etc to 50+ participants.</li></ul></div></div>	

INTERNSHIP & WORK EXPERIENCE	
<div><div>• <b>Software-Engineer-Intern</b></div><div>MetaZone</div><div>16 Jan, 2023 – 30 June, 2023</div><div><ul style="list-style-type: none"><li>Developed and launched a full-stack music education platform enabling real-time enrollment, generating 50% more leads and 20% higher revenue. Leveraged Node.js, Express, React, JavaScript, MySQL, and Google <b>Apps Script</b> for automated invoicing in drive for backup.</li><li>Optimized platform features, improving page load speed by 70% and reducing database query time by 40%. Optimized backend architecture for enhanced scalability.</li><li>Developed React Native inventory management modules for Scaleeasy’s Android and iOS apps, streamlining operations and quantifiable result.</li></ul></div></div>	
<div><div>• <b>Lead-Software-Engineer</b></div><div>MetaZone &amp; Isha Foundation</div><div>1 July, 2023 – present</div><div><ul style="list-style-type: none"><li>Enhanced music website CRM with <b>Google Cloud</b> infrastructure and OpenCV-powered automated attendance. Launched a mobile app (iOS &amp; Android) for students, teachers, and leads, featuring chat, practice tools, event listings, micro-learning modules, and class scheduling.</li><li>Developed and enhanced key features of the STARNEX Artist Recruiter App, improving functionality and UX.</li><li>Led design, development, and maintenance efforts.</li><li>Led development of the <b>Inner Engineering App (IEO)</b>, delivering end-to-end content, ensuring seamless platform performance, and managing registration and payment integration for Indian and international users (including in-app iOS payments).</li><li>Designed/implemented <b>Freemarker</b> email templates, validated rendering with <b>Litmus</b>, and automated workflows via <b>JavaMail API</b> API, improving email open rates.</li></ul></div></div>	

PROJECTS	
<div><div>• <b>AI Screen Assistant</b>   <i>ElectronJS, React, NodeJS, OpenAI</i> : Built a floating always-on-top Electron app enabling full-screen sharing, region selection via transparent overlay, and interactive QA through text or voice input. Integrated screen capture, voice recognition, and user-friendly UI using React, Vite, and TypeScript to enhance productivity and screen communication.</div><div><a href="#">(github)</a></div></div>	
<div><div>• <b>Covid-19 World Visualizer</b>   <i>HTML, CSS, JavaScript, Mapbox</i> : Designed a Web-based project to visualize the covid-19 situations across different countries of the world. Map box GL JS is a client-side JavaScript library, used for building web map so to show the country wise covid-19 cases.</div><div><a href="#">(access)</a></div></div>	
<div><div>• <b>Multi User Chatting Website</b>   <i>HTML, CSS, JavaScript, NodeJs</i> : Designed a Multi User Chatting Website that enables users to instant message and connect with each other through their computers or mobile devices. Node.js is used, which is responsible for creating room and managing users in the room &amp; Socket.io to enable real-time, bidirectional communication between the web server and the client.</div></div>	

TECHNICAL SKILLS	
<div><div>• <b>Languages:</b> C/C++ (proficient), Python (proficient), JavaScript (proficient), Java, CSS, HTML, AppScript, TypeScript.</div><div>• <b>Frameworks:</b> ReactJs, React Native, NodeJs, Map-box GL JS, Tailwind, Redux, Zustand, App Script.</div><div>• <b>Tools:</b> FreeMaker, Litmus, Git/GitHub, VS Code, Figma, XCode, Android Studio.</div><div>• <b>Additional:</b> OOPS, SQL, Data Structures &amp; Algorithms.</div></div>	

SCHOLASTIC ACHIEVEMENTS	
<div><div>• <b>CODE CHEF</b> - <b>5 STAR</b> (Secured global rank 25 out of 19000+ participants in Code Chef Oct Starters 59 2022).</div><div>• <b>CODEFORCES</b> - <b>SPECIALIST</b> (Secured global rank 738 out of 26000+ participants in Codeforces Round #828 2022).</div><div>• <b>LEETCODE</b> - <b>KNIGHT</b> (Secured global rank 199 out of 17000+ participants in Biweekly Contest 93 2022).</div><div>• <b>COGNIZANT</b> - Won the title of <b>Nurture Tek Knight</b> through the "ReCogNurize 2.0" challenge.</div><div>• <b>CODE GLADIATORS 2022 by Tech Gig</b> - Grand finalist (Global rank 77 out of 400K+ participants).</div></div>	

CERTIFICATIONS	
<div><div>• Spring MVC and Spring Boot - <a href="#">Certificate</a>.</div><div>• Cloud Basics - <a href="#">Certificate</a>.</div><div>• Problem Solving (Intermediate &amp; Basic) - <a href="#">Certificate</a>.</div></div>	