

# Ashutosh Kumar Singh

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## EDUCATION

<b>Bachelor of Engineering in Computer Science and Engineering</b>	CGPA: 8.11
<i>Specialization: Blockchain Technology   Chandigarh University</i>	2022 - 2026 ( <i>Expected</i> )
<b>Secondary Education (10th), Senior Secondary (12th)</b>	2020   2022
<i>90.4% in 10th   78% in 12th   Academic Global School (CBSE)</i>	

## WORK EXPERIENCE

<b>MetaCrafters Trainee (Certified)</b>	May 2023 - Jul 2023
<i>Industrial Training - Chandigarh University</i>	
<ul style="list-style-type: none"><li>Implemented the concept of Blockchain and related technologies.</li><li>Extensive experience in smart contract development and the Polygon network.</li></ul>	
<b>Cybersecurity Trainee at Cisco Networking Academy (Certified)</b>	Jun 2024 - Jul 2024
<i>Institutional Training under the guidance of Chandigarh University</i>	
<ul style="list-style-type: none"><li>Acquired hands-on experience in cybersecurity fundamentals, including network security, threat detection and vulnerability assessment.</li><li>Successfully configured and secured over 10 network devices using Cisco Packet Tracer, implementing security protocols and network configurations to simulate real-world enterprise networking environments.</li></ul>	

## PROJECTS

<b>EcoRide - Bike and Cab Booking Mobile App</b>	Jan. 2025 - Apr. 2025
<i>Links: <a href="#">GitHub</a>   <a href="#">Live Demo</a></i>	
<ul style="list-style-type: none"><li><b>Tech Used:</b> React Native, MongoDB, Google Maps API, Node.js, Express.js, WebSocket.</li><li>Integrated real-time navigation, ride tracking, and location-based services using Google Maps API</li><li>Designed a seamless booking system for bikes and cabs with real-time driver availability.</li></ul>	
<b>StreamLABEL - Online Video Streaming Platform</b>	Mar. 2024 - May. 2024
<i>Links: <a href="#">GitHub</a>   <a href="#">Live Demo</a></i>	
<ul style="list-style-type: none"><li><b>Tech Used:</b> Next.js, TypeScript, Firebase, Firebase Auth</li><li>Built a scalable video streaming platform with real-time user engagement features.</li><li>Implemented an efficient backend using Express.js and MongoDB for scalable content management.</li></ul>	
<b>Chat by Bemaxo - Online Messaging Application</b>	May. 2023 - Nov. 2023
<i>Links: <a href="#">GitHub</a>   <a href="#">Live Demo</a></i>	
<ul style="list-style-type: none"><li><b>Tech Used:</b> Next.js, React Native, Firebase, Tailwind CSS, TypeScript, REST API</li><li>Developed a real-time messaging application using Firebase for instant and secure communication.</li><li>Deployed user authentication and secure cloud storage for chat data.</li></ul>	

## SKILLS & INTERESTS

**Technical Skills:** C++, Python, JavaScript, TypeScript, SQL, Dart, React.js, Next.js, React Native, Tailwind CSS, Node.js, Express.js, PostgreSQL, MongoDB, REST API, Google Maps API.  
**Tools/Software:** Git/GitHub, Firebase, Vite (React.js), Expo (React Native), VS Code, Figma.  
**Core Subjects:** Computer Networks, DBMS, DSA, Operating Systems, Theory of Computation  
**Soft Skills:** Problem Solving, Teamwork, Adaptability, Time Management, Communication.  
**Languages:** English (Fluent), Hindi (Fluent), German (Basic)

## CERTIFICATIONS & ACHIEVEMENTS

### Certifications

- Web Development Bootcamp Course (Udemy), Google Cybersecurity Professional Certificate ([Coursera](#)), Blockchain Revolution Course ([Coursera](#)), Meta React Native Specialization ([Coursera](#))

### Achievements

- Served as Team Lead in multiple hackathons and as a Volunteer Treasurer for a local nonprofit organization.