SAHIL GHOSH

Durgapur, West Bengal

📞 +91-7908439735 ✉ sahilghosh90870@gmail.com 🔗 sahilghosh123 ⭘ SahilGhosh12345

PROFESSIONAL SUMMARY

Innovative full-stack developer passionate about building real-time, data-driven web applications using React, Node.js, and modern JavaScript ecosystems. Skilled in designing scalable backend architectures (Express.js, MongoDB) and crafting responsive front-end interfaces (Tailwind CSS, Bootstrap). Combines strong programming fundamentals (Python, Java, C) with expertise in REST APIs, WebSockets. Collaborative problem-solver who thrives in team environments, merging technical precision with creative execution to deliver user-centric solutions.

EDUCATION

NSHM Knowledge Campus, Durgapur **Aug 2022 – Jul 2026**
B.Tech in Computer Science and Engineering *Durgapur, West Bengal*
Bidhan Chandra Institution (WBCHSE) **2022**
Higher Secondary - Science Stream - **85.2%** *Durgapur, West Bengal*
Durgapur MAMC Township Modern High School (WBBSE) **2020**
Secondary Examination - **75.5%** *Durgapur, West Bengal*

PROJECTS

Real-Time Chat Application | MERN Stack, WebSockets **Github** | **Live Preview**
- Real-time messaging platform supporting text, media sharing, and profile customization with socket-based communication.

Notes App | MERN Stack **Github**
- Cloud-synced note-taking solution featuring search, prioritization, and CRUD operations across devices.

Green Ride | React.js, Node.js, Leaflet.js, TensorFlow.js, Firebase, Framer Motion, LottieFiles **Github** | **Live Preview**
- Route optimization platform analyzing real-time environmental data to suggest least polluted cycling paths.

CarboVoid | React, Tailwind CSS, Chart.js, Node.js, PostgreSQL **Github**
- Digital carbon footprint tracker providing actionable insights for emission reduction.

Medichain-AI | Tailwind CSS, Framer Motion, Twilio API, Express.js, MongoDB **Github**
- Healthcare platform combining AI symptom analysis with telemedicine cost estimation.

Voteveri | React, Tailwind CSS, Firebase, TensorFlow.js, Nodemailer **Github**
- Blockchain-powered voting system ensuring tamper-proof, anonymous digital elections.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, SQL, TypeScript, HTML5, CSS3
Frameworks/Libraries: React, Three.js, GSAP, Express.js, Node.js, Socket.IO, Tailwind CSS, Bootstrap, Framer Motion
Dev Tools: VS Code, Git, GitHub, Postman, MongoDB Compass, Firebase
Technologies: WebSocket, REST API
Soft Skills: Team collaboration, Responsive Design, Problem-Solving, Adaptability, Communication

LANGUAGES

English (Professional Working Proficiency)

Bengali (Native/Fluent)

Hindi (Fluent)

CERTIFICATIONS

100xDevs Full-Stack Web Development Bootcamp **2024**
Completed comprehensive full-stack training by Harkirat Singh (Node.js, React, MongoDB, Express)
100 Days of Code: The Complete Python Bootcamp ⤢ **2023**
Completed intensive Python programming course by Dr. Angela Yu (Udemy)
Effective Writing - NPTEL Online Certification ⤢ **2023**
Completed professional writing course from National Programme on Technology Enhanced Learning