SUBHADIP MANDAL

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subhadipmandal714@gmail.com | LinkedIn | GitHub | Portfolio

SKILLS

Programming Languages: C++, JAVA, JavaScript, C, SQL, Python, TypeScript
Frameworks/Libraries : React.js, Node.js, Express.js, Tailwind CSS
Databases: PostgreSQL, MongoDB
Tools/Platforms: REST, Git, Postman, Linux, Windows

EXPERIENCE

Web Development Intern | Oasis Infobyte *(Remote)*   Aug - Sep 2024
- Built 4+ responsive web apps (To-Do App, Calculator, Tribute Page, Auth Page), improving UI interaction by 30%.
- Gained hands-on experience in modern web development and component structuring.
- **Tools/Tech: HTML, CSS, JavaScript, React.js, Git/GitHub**

Backend Developer| SK Enterprise *(Freelance Project)*   Apr - Jun 2025
- Developed backend for an industrial product portal with secure login, product API, and order tracking features.
- Improved API response efficiency by 35% and ensured secure access control using JWT & bcrypt.
- **Tools/Tech: Node.js, Express.js, MongoDB, JWT, bcrypt**

PROJECTS

QuizCraft – Full Stack Quiz Platform - GitHub   July 2025

- Engineered a role-based quiz platform with AI-assisted question generation, leading to 3x faster quiz creation for admins.
- Integrated intelligent result analysis and chatbot feedback, enhancing post-quiz engagement by 40%.
- **Tools/Tech: React.js, Node.js, Express.js, PostgreSQL, JWT, GPT Integration**

Tranquilo – AI Mental Health Chatbot - GitHub   Mar - Apr 2025

- Designed a multilingual, AI-powered chatbot front-end that enabled 24/7 mental health support with 90% user satisfaction.
- Streamlined front-end performance, reducing load time by 45% through React optimization.
- **Tools/Tech: React.js, Tailwind CSS, Node.js, Express.js, AI APIs**

Uber Clone – MERN Stack Ride Booking App - GitHub   Jan - Feb 2025

- Developed a scalable Uber-like ride booking system with real-time ride tracking and booking logic.
- Reduced route calculation latency by 50% via Google Maps API integration and dynamic state management.
- **Tools/Tech: React.js, Node.js, Express.js, MongoDB, Google Maps API**

BookShelf – Online Book Reading Website - GitHub   Oct - Nov 2024

- Launched a secure and responsive online reading platform with 100+ books and real-time reading interface.
- Increased daily user reading time by 60% with immersive UI and light/dark mode features.
- **Tools/Tech: React.js, Node.js, Express.js, MongoDB, JWT**

ACHIEVMENTS

- Solved 150+ challenges on LeetCode and GeeksforGeeks.

EDUCATION

Bachelor of Technology in Computer Science, Sister Nivedita University, Kolkata   July, 2022 - July, 2026
Relevant Coursework: Data Structures and Algorithms, Software Engineering, Computer Network, Object-Oriented Programming, Operating Systems, DBMS
Cumulative GPA: 8.2