Subhobrata Maity

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PROFILE

Computer Science & Engineering (CSE-AIML) student with a strong foundation in full-stack web development, particularly in HTML, CSS, JavaScript, PHP, and MySQL. Experienced in building secure and responsive applications with React and Next.js. Seeking a developer role to build scalable WordPress solutions and contribute to high-impact projects in enterprise environments.

EDUCATION

Techno Main Salt Lake   *Kolkata, India*

Bachelor of Engineering in Computer Science & Engineering (CSE-AIML)   2022 – 2026

- Relevant coursework in Data Structures & Algorithms, Artificial Intelligence, Machine Learning, Deep Learning, Database Management Systems & Web-Development.

Hariyana Vidya Mandir   *Kolkata, India*

12th Board Examination (AISSCE)   April 2022
10th Board Examination (AISSE)   April 2020

SKILLS

Languages & Databases: PHP, JavaScript, HTML, CSS, SQL, MySQL, Python, Java
Frameworks & Libraries: React.js, Next.js, Node.js, Django, Redux, Tailwind CSS
CMS & Tools: WordPress, Git, GitHub, REST APIs, Linux, MongoDB, Power BI
Other: OOP, Responsive Design, JWT Auth, Agile/Scrum, Debugging
Soft Skills: Communication, Problem-solving, Time management, Attention to detail

CERTIFICATIONS

- Front-End Certification - Feb'25 [Udemy]
- Cloud Computing Certification - May'23 [Udemy]

WORK EXPERIENCE

Full Stack Development Intern
NASSCOM & MSME (West Bengal), Kolkata
Jan 2025 – Jun 2025

• Built 2 secure, scalable full-stack web applications handling **1000+ user transactions monthly**, including a financial system and an e-commerce platform using Next.js, Node.js, and MySQL.

• Designed responsive UI/UX layouts using HTML, CSS, and modern frameworks, improving **cross-device compatibility by 40%** during testing.

• Implemented REST APIs with secure user authentication and reusable backend logic in PHP/JavaScript, reducing development time by **30%**.

• Collaborated in 12+ agile sprints using Git and GitHub, achieving **98% on-time delivery** for assigned modules.

• Maintained clean, reusable codebase with inline comments and comprehensive documentation, increasing code readability and reducing onboarding time by **50%.**

PROJECTS

1. **Catalogue_MSME**   (Marketplace Prototype • MSME, West Bengal)   Apr 2025 – Jun 2025
   - Developed a centralized product catalogue platform for 50+ MSMEs using Django, React, and MySQL to promote regional products.
     - • Implemented JWT-based authentication, CRUD features, and responsive UI — enabling **20% faster**

navigation and 30% higher user engagement during pilot.

• Enhanced MSME visibility and buyer reach, leading to a **15% increase in product enquiries** within the first month of testing.

2. **Cash-Box**   (Internship project • NASSCOM & MSME, West Bengal)   Apr 2025 – Jun 2025
   - Developed a full-stack finance management app for small businesses to generate receipts, track income/expenses, and visualize trends — handling **~10,000+ records/month**.

     • Built secure user auth, managed transactions, and generated **dynamic reports across 3 custom time frames (daily, monthly, custom)** using RESTful APIs and SQL.

     • Explored CMS expansion by evaluating WordPress integration and plugin modularity for future scalability.

     • Enabled **100+ SMB users** to digitize their accounting, improving financial visibility and reducing manual errors by **70%**.

3. **CodeTogether**   (Real-Time Collaborative Code Editor)   Jun 2025 – Jul 2025
   - Developed a full-stack real-time collaboration platform supporting **10+ programming languages** (JavaScript, Python, Java, C++, etc.) using Monaco Editor and Socket.IO.

     • Achieved **<100ms latency** for code synchronization across users in live sessions.

     • Designed a 100% responsive UI with **dark/light theme** toggle, using Tailwind CSS, compatible with desktop and mobile devices.

     • Implemented **6-digit room code** system enabling secure and instant session sharing with **zero signup friction.**
   - Developed **12+ API and Socket.IO endpoints** for features like room management, code broadcasting, and health checks.
   - Enabled users to **download code** in correct file formats and switch languages dynamically, improving developer flexibility.
   - **Reduced cold-start time by 40%** using Vite's fast dev server and optimized build tools.

ACHIEVEMENTS

- AI-ML Virtual Internship (AICTE) - May'24
- Smart India Hackathon (cleared 1st round) - Dec'24
- Flipkart Grid 6.0-Software Development Track (Level 1) (Flipkart) – Aug'24