Astha

+91 9852403024 | astha2333@gmail.com | LinkedIn | GitHub

EDUCATION

Madan Mohan Malaviya University of Technology   November 2021 - May 2025
Bachelor of Technology (SGPA: 9/10)   *Gorakhpur, U.P.*

Bhagwat VidyaPeeth   April 2020
Intermediate (Percentage: 90.8%)   *Chhapra, Bihar*

Bhagwat VidyaPeeth   April 2018
Secondary School Certificate (Percentage: 90.6%)   *Chhapra, Bihar*

EXPERIENCE

Frontend Developer Intern   December 2024 - January 2025
TrialShopy   *Remote*
- Maintained 5+ responsive client websites using React.js, HTML5, CSS3, and JavaScript
- Improved website performance by 40% through code optimization and component refactoring
- Built 15+ reusable React components, reducing development time by 30% and improving code maintainability
- Engineered responsive design principles, ensuring 100% mobile compatibility across all devices

PROJECTS

AiChatApp - AI-Powered Collaboration Platform | **Code** | **Live**   July 2025
React.js · Tailwind CSS · Node.js · Express.js · MongoDB · Redis · Socket.IO · JWT · Web Container API · Google Generative AI API · Highlight.js
- Engineered a MERN + Redis application with JWT-based authentication for project management AI collaboration, improving team productivity by 30%
- Implemented real-time chat with Socket.IO for 100+ users with $< 200ms$ latency and AI-assisted responses
- Developed an interactive file tree multi-tab code editor syncing 50+ files with 40% faster updates
- Delivered a modern responsive UI with React (Vite) + Tailwind CSS, integrating Google Generative AI API to generate code snippets and automate project updates, cutting manual coding effort by 25%.

MedCare - Healthcare Management System | **Code** | **Live**   November 2024
React.js · Node.js · Express.js · MongoDB · Socket.IO · JWT · Multer · REST API
- Developed a 100% responsive UI role-based platform for 3 user types (Admin, Doctor, Patient) with 100% secure JWT auth and modular REST APIs
- Integrated Razorpay to enable real-time payments for 50+ appointment scenarios
- Architected a real-time chat system using Socket.IO, supporting 5+ features
- Designed an Admin Dashboard with 4+ real-time visualizations using Recharts to monitor users, doctors, appointments, and revenue
- Deployed PWA features, resulting in a native-like mobile experience with faster loading time by 60%
- Configured file uploads with Multer and integrated Cloudinary API, enabling secure storage of 500+ images

CERTIFICATIONS

- Responsive Web Design Certification - freeCodeCamp - (2023) **View Certificate**
- Node.js Certification - HackerRank - (2024) **View Certificate**

ACHIEVEMENTS & EXTRA-CURRICULAR

- Achieved 5-Star C++ Programming Certification on HackerRank with 95% accuracy
- Qualified for Science Olympiad Second Level Examination (National Level Round)
- Spearheaded web initiatives and managed a 15+ member team as Executive Member at IEEE MMMUT

TECHNICAL SKILLS

- **Programming Languages**: HTML5, CSS3, Tailwind CSS, JavaScript, C++
- **Technologies & Frameworks** : React.js, Redux, Node.js, Express.js, RESTful APIs, Socket.io
- **Databases**: MongoDB, Redis, MySQL, PostgreSQL
- **Concepts**: OOPs, DBMS
- **Testing & Tools**: Git, GitHub, Postman, VS Code
- **Non-Technical**: Leadership, Communication, Team Collaboration, Agile thinker