

# Mahasin Prodhan

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## OBJECTIVE

Final year B.Tech student with hands-on experience in Full-Stack Development (MERN), focused on building scalable web applications seeking an entry-level Full Stack / Software Engineer role. Strong foundation in Java and modern web technologies, with a quick learning ability and adaptability to new tools and environments.

## SKILLS

Programming Languages	Java, JavaScript
Frontend	HTML5, CSS3, Tailwind CSS, Bootstrap, React.js
Backend & Databases	Node.js, Express.js, REST APIs, MongoDB, SQL
Tools	Git, GitHub, Postman, Figma, Vercel, Render
CS Fundamentals	Computer Networks, OS, DBMS, DSA
Soft Skills	Critical thinking, Data-driven decision making, Project ownership

## EDUCATION

<b>Meghnad Saha Institute of Technology</b> B.Tech in Computer Science & Business Systems   CGPA – 6.9	Oct 2022 - June 2026 Kolkata, India
<b>Dhatigram High School</b> WBCHSE – Higher Secondary   Percentage – 90	2021 - 2022 Purba Bardhaman, India
<b>Dhatigram High School</b> WBBSE – Secondary   Percentage – 72	2019 - 2020 Purba Bardhaman, India

## CERTIFICATIONS

- Business Analytics (Power BI, Excel, Python – Pandas & NumPy) – Indian Institute of Internship
- HTML, CSS, React, JavaScript – KG Coding
- JavaScript Essentials (Node.js, Express.js) – Nikhil Bharat Shiksha Parisad, 2024

## PROJECTS

### DocNow — Doctor Appointment Platform

- Built a full-stack doctor appointment platform with role-based access supporting 3 user roles (patient, doctor, admin), patient dashboards, appointment tracking, and secure online payments via Razor pay using Node.js, Express.js, and MongoDB.
- Implemented scalable booking workflows including doctor search by specialization, slot-based scheduling, related doctor recommendations, and end-to-end appointment booking.
- Designed a clean, modular backend architecture with separated controllers, business logic, and data layers, improving maintainability, scalability, and future feature readiness.

### BlogifyAI (AI-Powered Blogging Platform)

- Built a full-stack blogging platform using MERN Stack with role-based access control (User, Admin).
- Implemented JWT-based authentication & authorization for secure login and protected routes. Enabled image uploads and content management features for admin users.
- Integrated Gemini API for AI-based content generation with a structured publishing workflow

### CIVIRA – Civic Issue Reporting System (Final Year Project | Ongoing)

- Building a full-stack civic issue reporting platform with OTP-based authentication, geo-tagged photo uploads, automatic GPS/timestamp extraction, and map-based complaint submission.
- Implementing an end-to-end complaint lifecycle with status tracking, officer workflows, citizen confirmation/reopen flow, public map dashboards, and AI-assisted features such as automatic issue categorization, irrelevant/offensive image filtering, and smart routing using location data.

## ACTIVITIES

- Board Member, Cultural Committee of CSBS, MSIT- Organized Cultural Programs
- Member Of Official Coding Community of MSIT