

Aman Debnath

Engineer

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GitHub - <https://github.com/amandebnath>

Professional Summary

Motivated Mechanical Engineering graduate actively transitioning into Software Engineering, with a growing interest in full-stack web development, Artificial Intelligence, and Machine Learning. Currently developing skills in programming, web technologies, and data systems through self-learning and structured online certifications. Enthusiastic about building scalable, intelligent applications and eager to contribute to a tech-driven team where continuous growth, problem-solving, and innovation are encouraged.

Technical Skills

- **Languages:** Python, JavaScript, SQL, HTML, CSS
- **Frameworks & Libraries:** React, Node.js, Express.js, Bootstrap, Tailwind
- **Databases:** PostgreSQL, MongoDB
- **Tools:** Git, GitHub, VS Code, Cursor, Claude, Postman, DevTools
- **Others:** REST API, CRUD, Responsive Design, Git CLI, JSON, Netlify, Vercel, Render

Professional Experience

MM Aqua Technologies Ltd. | Graduate Engineer Trainee

Feb 2024 – July 2025

Handled diverse responsibilities including quality control for fabricated components, proposal engineering support, and technical documentation. Actively involved in database management, preparation of detailed technical reports, and commercial negotiation with clients and vendors. Contributed to business management functions such as production planning, dispatch coordination, and internal process optimization to ensure timely project execution and client satisfaction. Revamped company website completely and maintaining and visualizing client enquiry data.

Projects

- Automate Home Loan Eligibility using Machine Learning
Third Year Project, Meghnad Saha Institute of Technology
- Landing Page – HTML/CSS
- Café Menu – HTML/CSS

Education

B. Tech – Mechanical Engineering

2021-2024

Meghnad Saha Institute of Technology, Maulana Abdul Kalam Azad University of Technology

CGPA: 7.55

Diploma – Mechanical Engineering

2018-2021

South Calcutta Polytechnic, WBSTE

CGPA: 8.20

Bootcamps and Certifications

- Full-Stack Developer Bootcamp – Codecademy (*Ongoing*)
 - Full Stack Engineer Career Path Certification – Codecademy (*Ongoing*)
 - CS50 for Python - Harvard University (*Ongoing*)
 - The Odin Project – Web Development (Node.js Path) (*Ongoing*)
- Aug 2025 – Feb 2026

- Data Structures and Algorithms in Python – Udemy (*Ongoing*)
- JavaScript Essentials – freeCodeCamp (*Ongoing*)

Soft Skills

Problem Solving | Communication | Team Collaboration | Time Management | Adaptability | Critical Thinking | Analytical Thinking | Composure

Languages

English (Professional) | Bengali (Native) | Hindi (Fluent) | German (Elementary)

Hobbies & Interests

Football | Language Learning | Book Reading | Driving | Travelling | Films

Extracurricular Activities

- Captained departmental football team to victory in the 17th South Calcutta Polytechnic Annual Football tournament and earned the title of Best Defender among 8 competing teams.
- Active contribution and voluntary work in the "World Rotaract Week 2022", where different Community Service and Professional Development events were organized by the Rotaract Club of MSIT.
- Led departmental football team to second runners-up in the Annual Departmental Football League in 2023.