



Bibek Dhara

bibek.dhara15@gmail.com |  TheCurryGuy |  TheCurryGuy | +91 99039 21321 | Batanagar, Kolkata 700140

EDUCATION

University of Engineering & Management

Kolkata, India

B.Tech in Computer Science and Technology

CGPA: 8.71, Expected Graduation: July 2026

Amrita Vidyalayam

Kolkata, India

Senior School Certificate Examination

Score: 77.3%, Mar 2022

CERTIFICATIONS

- Full Stack Web Development - PW Skills
- Google Cybersecurity
- DSA with C++ - PW Skills
- Google AI Essentials

TECHNICAL SKILLS

Languages & Databases: Typescript, JavaScript, Python, C/C++, MySQL, MongoDB

Frameworks & Libraries: Express, React, Node.js, Flask, Recoil, Redux, Tailwind

Tools & APIs: Git, Postman, RESTful APIs, MongoDB Compass, Vercel

Other Skills: Linux, Powershell, CyberSecurity, Prompt Engineering, UI/UX Design

PROJECTS

Groqify: An LLM Chat Hub | *MERN Stack* | [Link](#)

6th Semester - UG

- Engineered an high performance AI chatbot leveraging advanced LLMs like Llama-3.3-70b, Phi-3.5-mini-instruct, Gemini-2.0-flash-exp with avg response times of 50ms-4000ms and Processing up to 6,000 tokens per request.
- Deployed a backup routing mechanism to ensure uninterrupted operations, improving reliability by 90%.
- Optimized transitions with memory retention, improving context and user experience by 50%.
- Implemented support for file attachments (images, docx & PDFs) up to 20MB, expanding platform usability.
- Designed & integrated a custom prompting section, allowing users to personalize LLMs based on their preferences.
- Developed a history section to store up to 10 exchanges, automatically removing the oldest when filled completely.
- Optimized the codebase by reducing duplication by 60%, enabling easier scalability and maintenance.
- Crafted an intuitive UI featuring a light/dark mode toggle and robust markdown rendering with ReactMarkdown, powered by Remark and Rehype plugins.

CareNest: The Healthcare Companion | *MERN Stack* | [Link](#)

5th Semester - UG

- Constructed a user-centric healthcare platform with rapid authentication, averaging 90 ms response time.
- Designed a TaskBoard, Medication Reminder, and Password Vault, with a focus on improving & enhancing user experience and productivity; these solutions significantly reduced task management concerns of users by 90%.
- Crafted a seamless React frontend with react-router-dom for easy navigation, boosting user retention by 20%.
- Deployed a secure backend with a response time under 300 ms using Express, enabling seamless interactions.
- Integrated AI assistant, Dr. Chloe, trained on 9,000+ medications, offering personalized recommendations.
- Secured data using AES encryption and bcrypt hashing, achieving 95% compliance with industry standards.
- Reduced security errors by 30% using Zod validation and Express backend with 300 ms response time.

QuizHub: The Quiz Appearing System | *Python - Flask* | [Link](#)

3rd Semester - UG

- Created a Flask-based quiz app, automating test scoring and streamlining data management using 2 SQL-Tables.
- Utilized MySQL for managing questions, user data, and results, improving data retrieval time by 25%.
- Introduced responsive design for mobile and desktop compatibility, ensuring accessibility across devices by 70%.
- Innovated a simple HTML/CSS frontend, enhancing user experience and design, which saw a 47% increase in student interaction.

LANGUAGES

English: Advanced (C2)

Hindi: Advanced (C2)

Bengali: Native (C1)