Gaurav Kumar Das

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Aspiring software engineer with hands-on experience in full-stack web development, REST APIs, and mobile app development. Passionate about solving complex problems through efficient code and collaborative teamwork. I'm a curious technologist who loves turning ideas into interactive, real-world solutions - building tech thats meaningful, fun, and useful.

Skills

Programming Languages: JavaScript, Python, C, C++, Dart, Java, PHP (basic)
Web: React, Node.js, Express.js, MongoDB, Tailwind CSS, HTML, CSS
Mobile: Flutter, Firebase
Tools & Platforms: VS Code, Git, GitHub, Postman, Blender 3D
CS Concepts: Data Structures (Trees, Graphs, Heaps), Algorithms, OOP, RESTful APIs

Experience

Full Stack Web Developer Intern | Unified Mentor Private Limited   **Jul 2025 - Sept 2025**
- Developed **Flipperrr** (a memory card game), **PanPal** (a digital recipe book), **Sports Buddy** (sports coordination platform) and **Soil Farming Agent** (agri-advisory tool for crop recommendations) using MERN stack

Software Development Intern | Assam Power Distribution Company Limited (APDCL)   **July, 2023**
- Developed a customer chatbot to allow users to check account details and register electricity complaints.
- Implemented backend API integration and streamlined issue logging workflows.

Academic Research Intern - NLP Project | Tezpur University   **Aug 2022 - Sept 2022**
- Built a CLI-based NLP system using PRAAT to analyze prosodic features in Assamese and Bengali speech.

Projects

Janim.ai - AI-Powered Quiz Generator   **2025**
github repo↗
- Developed a generative AI MERN stack web app that creates quizzes from user input using OpenRouter's Gemma 3 API.
- Designed responsive UI with React and TailwindCSS to dynamically render questions and answers.
- Engineered structured prompts for Gemma 3 API to generate accurate and relevant MCQs with answer keys

READORA - A Book Exchange Social Media Platform   **2025**
github repo↗
- Developed a social platform to connect users for book exchanges using MERN stack.
- Implemented login/auth, chat and search features, and RESTful backend.
- Used MongoDB for database, Tailwind for responsive UI, and Express.js APIs.

Chatbot Integrated Fabric Classification of Muga & Tussar Silk   **2023 - 2024**
github repo↗
- Built a chatbot-integrated system to classify Muga & Tussar silk fabrics using image uploads.
- **Tech Stack:** Python + Flask + CNN/ResNet50 + Vision Transformer, Flutter

GCU (Girijananda Chowdhury University) Knowledge Hub   **2024**
github repo↗
- **Winner** of GCU Appathon, 2024
- Built a mobile quiz app with admin controls for dynamic quiz creation and timer-based student attempts.
- **Tech Stack:** Flutter, Dart, Firebase

Education

Tezpur University   **2024 - 2026**
M.Tech - Computer Science and Engineering - **CGPA - 7.82(till 2nd sem)**   Tezpur, Assam

Girijananda Chowdhury Institute of Management and Technology   **2020 - 2024**
B.Tech - Computer Science and Engineering - **CGPA - 8.46**   Guwahati, Assam