Gaurav Kumar Das

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I am a passionate programmer with a strong foundation in the MERN stack, Python, JavaScript, and both web and Android development. I have hands-on experience building RESTful APIs and enjoy solving complex technical problems. Currently pursuing M.Tech in Computer Science and Engineering, I actively engage in both academic and practical projects. I also explore 3D modeling as a creative outlet, blending my artistic interests with my technical skills.

Skills

Programming Languages: C, C++, JavaScript, Python, Dart, Java, PHP(Basic)
Web Development: HTML, CSS, React, Node.js, Express.js, TailwindCSS
Mobile Development: Flutter
Tools & Platforms: Git, GitHub, Postman, Blender3D
Backend Databases: MongoDB, MySQL, Firebase
Language Proficiencies: Assamese (Native), English, Hindi.

Experience

Assam Power Distribution Company Limited (APDCL), Intern — **July, 2023**, Guwahati, Assam
- Developed a chatbot service for APDCL where users can view their details and raise complaints about their electric connections

Tezpur University, Academic Internship — **Aug, 2022 - Sept, 2022**, Tezpur, Assam
- Developed a CLI-based NLP application titled *"An analysis of prosodic features of Assamese and Bengali languages using PRAAT"*.

Projects

READORA - A Book Exchange Social Media Platform — **2025**, github repo ↗
- A web based social network platform to exchange books.
- **Tools Used:** MongoDB, Express.js, React, Node.js, TailwindCSS

Notes Management Web Application — **2025**, view website ↗ / github repo ↗
- A modern web based draggable notes management application.
- **Tools Used:** React, TailwindCSS

Chatbot Integrated Fabric Classification of Muga & Tussar Silk — **2023 - 2024**, github repo ↗
- Final year B.Tech project (7th - 8th semester)
- Developed a Flask REST API chatbot with image upload and user interaction, using CNN, ResNet50, and ViT for fabric classification, supporting both web and Android application.
- **Tools Used:** Python, Dart, Flutter, JavaScript, HTML & CSS

GCU (Girijananda Chowdhury University) Knowledge Hub — **2024**, view in playstore ↗ / github repo ↗
- **Winner of GCU Appathon, 2024**
- Created a quiz app for GCU, featuring an admin page for managing quizzes and allowing teachers to control questions while students attempt quizzes within set time limits.
- **Tools Used:** Flutter, Dart, Firebase

Education

Tezpur University — **2024 - 2026**, Tezpur, Assam
M.Tech - Computer Science and Engineering - **CGPA - 8.37(1st sem)**

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