

PARTHA BORAH

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[Linkedin](#) | [Github](#) | [Website](#)

SUMMARY

Fourth-year Computer Science student at Jorhat Engineering College with a strong foundation in web development, data structures and algorithms (DSA), and machine learning. Passionate about building scalable web applications, solving complex technical challenges, and exploring AI-driven solutions for real-world problems.

EDUCATION

B.Tech in Computer Science and Engineering | Jorhat Engineering College | 2022 – Present

CGPA: 9.16

Higher Secondary | Kendriya Vidyalaya | 2020 – 2022

Score: 92.8%

High School | Springdale High School | 2016 – 2020

Score: 98.8%

WORK EXPERIENCE

Backend Development Intern | Macbell Infotech Pvt. Ltd. | March 2025 – Present | Remote

- Developed and maintained scalable backend services using **Node.js**, **Express**, and **PostgreSQL**, focusing on performance and clean API design.
- Implemented RESTful APIs, integrated third-party services, and optimized database queries to enhance application efficiency.

AICTE AI Intern | TechSaksham | February 2025 – March 2025 | Remote

- Built a full-stack **Medical Diagnostic System** integrating a custom **ML model** for disease prediction using patient data and health metrics.
- Developed the backend with **Python**, enabling accurate analysis, user input processing, and real-time prediction delivery.

Research Intern | NIT Agartala | June 2024 – July 2024 | Remote

- Explored AI techniques like **LLMs** and **RAG** for advanced applications.
- Configured and worked with **Anserini** for efficient large-scale dataset retrieval.
- Utilized **Weaviate** to enhance semantic search with vector embeddings.

SKILL

- Frontend Development** - HTML, CSS3, JavaScript, React.js, Redux, Next.js, Tailwind CSS, React Native
- Backend Development** - Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, WebSockets (Socket.IO), JWT Authentication
- Programming Languages** - C/C++, Java, Python, Go, SQL
- Miscellaneous** - Git & GitHub, VS Code, Postman, Linux Basics, Agile Development, Problem Solving (DSA), Machine Learning (Beginner)

PROJECT

- BrightMind - Learning Content Management System** | [Link](#) | [Github](#)
- Legal House - AI-powered Legal Document Review System** | [Link](#) | [Github](#)
- Conviya - Content Posting Application** | [Link](#) | [Github](#)
- Shopper - Fashion Marketplace with Admin Dashboard** | [Link-1](#) | [Link-2](#) | [Github](#)

ACHIEVEMENT

- Secured **1st place** in **Code Clash 2.0**, a coding competition organized by **Jorhat Engineering College**.
- Selected for the **PwC Launchpad Program**, a competitive upskilling initiative for emerging tech talent.