

PARTHA BORAH

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SUMMARY

Currently a third-year **Computer Science and Engineering** student at **Jorhat Engineering College** with a strong academic background and practical experience in **web development**, **data structures**, **algorithms**, and **machine learning**. Passionate about creating dynamic web applications, solving complex problems, and leveraging AI for practical solutions, I am actively seeking opportunities to apply my skills.

EDUCATION

B.Tech in Computer Science and Engineering Jorhat Engineering College 2022 – Present	Score: 9.32
Higher Secondary Kendriya Vidyalaya 2020 – 2022	Score: 92.8%
High School Springdale High School 2016 – 2020	Score: 98.8%

WORK EXPERIENCE

Research Internship | 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.

Web Development Internship | Prodigy InfoTech | Feb 2024 – Mar 2024 | Remote

- Designed and implemented responsive user interfaces using HTML, CSS, and JavaScript, enhancing visual appeal and functionality.
- Optimized frontend performance through efficient coding practices and tools.

Social Internship | Sarothi Old Age Home | Jul 2023 – Aug 2023 | Jorhat, Assam, India

- Acquired valuable insights into effective communication and adaptability through impactful interactions with a diverse group of elderly people.
- Learned about the living condition of elderly people and the social norms associated with old age homes.
- Proposed solutions** to address challenges faced by the elderly due to their age.

PROJECT

Integrated Customer-Vendor Marketplace for Grocery Transactions | January 2025 – Present

- Developed a comprehensive marketplace system with separate customer and vendor dashboard, plus an admin panel.
- It facilitates real-time price updates, grocery list synchronization via QR codes, and secure payment processing while supporting high concurrent usage.

Full Stack ECommerce Website | August 2024 – September 2024

- Built a dynamic eCommerce platform with product listings, JWT-based user authentication, and admin/user dashboards.
- Developed scalable REST APIs for inventory, categories, and cart operations using MongoDB and Express.js.
- Developed an admin dashboard for product management, inventory updates, and user oversight.

SKILLS: HTML5, CSS3, JavaScript (ES6+), MERN, Git, Github, GCP, Machine Learning, SQL, No-SQL, WEB3