

Debanuj Barman

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SUMMARY

Computer Science undergraduate with hands-on experience in full-stack web development, serverless architecture, and modern frontend frameworks.

Passionate about building scalable web apps, contributing to open-source, and continually learning emerging technologies.

EDUCATION

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| Jalpaiguri Government Engineering College (Autonomous)
<i>Bachelor of Technology in Computer Science and Engineering</i> <ul style="list-style-type: none">Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Computer Architecture, Operating Systems, Theory of Computation, Formal Languages | Jalpaiguri, West Bengal
Nov 2022 – May 2026 |
| Cooch Behar Rambhola High School
<i>Higher Secondary Education (Science)</i> <ul style="list-style-type: none">Completed 10th and 12th standard under WBBSE and WBCHSE boards | Cooch Behar, West Bengal
2014 – 2022 |

EXPERIENCE

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| Web Development Intern – TEXTeditor Project
<i>National Institute of Technology (NIT), Jamshedpur</i> <ul style="list-style-type: none">Collaborated with research students to develop a real-time collaborative text editorIntegrated TipTap editor with Convex backend and Zustand state managementEnhanced margin syncing, text formatting tools, and implemented auto-save with debounce | June 2025 – July 2025 |
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PROJECTS

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| TEXTeditor texteditor.vercel.app — GitHub <ul style="list-style-type: none">Built a real-time collaborative text editor using React, TipTap, Zustand, and Convex backendIntegrated dynamic ruler margin editing synced via serverless Convex mutationsDeployed using Vercel and optimized for fast client-side performance | June 2025 |
| Portfolio Website debanuj.vercel.app — GitHub <ul style="list-style-type: none">Designed and deployed a responsive personal portfolio using Next.js and TailwindCSSShowcases resume, project work, contact form, and GitHub/LinkedIn integration | May 2025 |
| Gemini Own UI gemini-own.vercel.app — GitHub <ul style="list-style-type: none">Recreated Google Gemini's chat UI using React and Tailwind, supporting dynamic messagesFocused on replicating interactions, typing animation, and scroll experience | April 2024 |
| Amazon Home Page Clone — GitHub <ul style="list-style-type: none">Cloned Amazon's homepage layout using HTML, CSS, and JavaScriptFocused on responsive layout, hover effects, and basic cart functionality | March 2024 |

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, SQL, Solidity, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Next.js, Tailwind CSS, TipTap, Zustand

Databases & Cloud: Vercel (Postgres, KV), Firebase, Convex, Google Cloud Platform

Tools: Git, Docker, VS Code, Figma, Postman, GitHub Actions

HOBBIES

Passionate about Coding: Enjoy solving algorithmic problems, building full-stack web applications, and exploring modern technologies.

Cricket Enthusiast: Active participation in team sports to foster collaboration, focus, and discipline.

Creative Video Editing: Skilled in editing tech-related content and storytelling using digital tools.

Gaming UX Analysis: Interest in strategic games with a focus on gameplay design and user experience.

Stock Market Finance: Enthusiastic about equity research, financial trends, and personal investing.