Bilwamoy Chakraborty

Barasat, West Bengal, India

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 [] [] </> Portfolio   </> LeetCode (Beginner)

Professional Summary

Motivated B.Tech Computer Science student at Brainware University with strong expertise in full-stack web development using MERN stack, data structures and algorithms, and modern web technologies. Proven ability to develop scalable applications and solve complex programming problems. Seeking software development opportunities at leading IT companies.

Education

Bachelor of Technology in Computer Science and Engineering

Brainware University, Barasat   *2022 - 2026*

CGPA: 9.64/10.0 (current avg)

Higher Secondary (Class 12)

Ichapur Northland High School, WBBSE   *2023*

Secondary (Class 10)

Ramakrishna Vivekananda Mission Barrackpore, WBBSE   *2021*

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, Python, C, HTML5, CSS3

Frameworks & Libraries: React.js, Next.js, Express.js, Node.js, Tailwind CSS, Swing, AWT

Databases: MongoDB, MongoDB Atlas, MySQL

Tools & Technologies: Git, GitHub, Postman, Vercel, Netlify, REST APIs, JWT Authentication

Development Concepts: Data Structures & Algorithms, Responsive Web Design, Full-Stack Development

AI/ML Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn (Learning)

Projects

Animated E-commerce Website

React.js, Tailwind CSS, Express.js, MongoDB

- Developed a fully functional e-commerce platform with animated UI and responsive design
- Implemented features including product listing, cart management, user authentication, and payment integration
- Optimized for performance with secure API endpoints and admin dashboard functionality

Coffee Shop Web Application

Swing, AWT

- Created a comprehensive desktop coffee shop application with product catalog and user management
- Integrated cart functionality, checkout process, and user authentication system
- Designed intuitive desktop interface with modern GUI principles
- The web application version of this project is in progress

URL Shortener Application

React.js, Backend API

- Built a web application for URL shortening with redirection functionality
- Implemented features including copy to clipboard, user history, and analytics tracking
- Utilized RESTful API design and efficient database management

Gemini Clone AI Interface
React.js, UI/UX Design
- Designed an AI chatbot interface inspired by Google Gemini with clean UX
- Implemented responsive design with modern UI components and smooth user interactions
- Focused on creating an intuitive conversational interface

Travel Blog Website
Next.js, Tailwind CSS, Express.js
- Developed a dynamic travel blog platform with content management system
- Integrated OTP verification for secure password recovery via email
- Implemented responsive design with optimized performance and SEO

Certifications & Training

- **Cyber Security Job Simulation** - Forage (Deloitte)	June 2025
- **Learning AI through Visualization** - Columbia University	2025
- **Introduction to Generative AI** - Google Cloud Skills Boost	2025
- **Full-Stack Development** - Self-taught through YouTube and online resources	
- **Data Structures & Algorithms** - Comprehensive study with Java programming	

Key Achievements

- Selected for MSME National Hackathon via Brainware University
- Participant in 2025 College Exhibition Hackathon with College Event Management System project
- Developed event management system with live comment feature and integrated chatbot
- Built multiple MERN full-stack projects independently
- Strong academic foundation in OS, DAA, DSA, Computer Architecture, Theory of Computation
- Self-taught developer with practical experience in Git, APIs, and deployment platforms

Languages

English (Fluent), Hindi (Fluent), Bengali (Native)

Interests & Hobbies

AI Functionalities Exploration, DSA Problem Solving, Web Development, Football, Anime

Personal Details

Date of Birth: April 3, 2002
Nationality: Indian
Location: Barasat, West Bengal, India