BIPLOV GHOSH

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Education

Birla Institute of Technology, Mesra   **Aug 2024 – Expected May 2026**
Master of Computer Applications   *Ranchi, Jharkhand*

Chatra College, Chatra - Vinoba Bhave University   **Aug 2020 – Sep 2023**
Bachelor of Computer Applications   *Chatra, Jharkhand*

Experience

Reliance Fashion World   **May 2025 – Jul 2025**
Web Development Intern   *Hybrid*
- Developed a scalable frontend for a **Customer Feedback Portal** in a retail environment by building **6+** reusable UI components using **React.js** and **Tailwind CSS**.
- Integrated **REST APIs** with the backend team to handle feedback submission and retrieval, improving data sync and reducing client-server time by approximately **1.2s**.
- Boosted weekly mobile form submissions from approximately **90 to over 300** by designing responsive grids and adaptive form logic to support **12+ device** viewports.

Vivekanand Adarsh Vidyalaya   **Nov 2023 – Jun 2024**
IT Intern (Web Developer)   *On-site*
- Designed a responsive **dashboard** with **React.js** and **Tailwind CSS** to visualize real-time teacher attendance from a fingerprint scanner system, reducing manual entry errors by **60%**.
- Accelerated the teacher leave approval time from **1 day** to under **6 hours** by building an efficient **Digital Leave Portal**, replacing manual forms and enhancing overall transparency.
- Engineered an accessible platform for student and parent feedback, boosting digital participation by **40%** school-wide.
- Partnered with a backend dev to integrate **REST APIs** for frontend-backend sync, reducing wait time to nearly **1s**.

Codezeal Technology Pvt. Ltd.   **May 2023 – Jun 2023**
Frontend Developer Intern   *On-site*
- Created **10+ responsive web pages** for a tourism platform using **HTML5**, **CSS3**, **Tailwind CSS**, and **JavaScript**, reducing UI-related bug reports by **20+** during testing.
- Reduced overall module development time by an average of **2 days** by implementing scalable UI elements with **React.js components** and **Tailwind CSS utility-first styling**.
- Implemented booking forms with validation, reducing submission errors by **25%** and improving user experience.
- Collaborated with a **4-member team** on **Git/GitHub**, streamlining code integration and maintaining agile workflow.

Projects

Portfolio Website | *Next.js 15, TypeScript, Tailwind CSS, Vercel* ○   [**Live Link**]
- Launched and deployed a high-performance portfolio using **Next.js 15** and **TypeScript**, increasing personal project visibility and recruiter engagement by **50%+**.
- Crafted a responsive and interactive UI using **Tailwind CSS** and **Framer Motion**, delivering **100%** compatibility and seamless animations across all devices.
- Incorporated **25+** scalable custom icons using **Lucide React** and **React Icons**, ensuring a visually consistent identity and improving overall UI clarity.
- Structured **6** modular sections - **Intro, Experience, Projects, Skills, Education, Contact** - to streamline navigation and enhance user experience.

Custom WordPress Blog Platform | *PHP, WordPress, HTML5, CSS3, MySQL, Git*   [**Live Link**]
- *Social Plugin:* ○   *Custom Theme:* ○
- Architected **2 custom WordPress components** from scratch: a lightweight **social plugin** and a **theme feature**, both written in **PHP** to extend site functionality.
- Built a performance-focused social sharing **plugin** with **0** database **queries** on load and a single **CSS** asset under **5** KB.
- Automated a **reading-time estimator** display by implementing **1 custom PHP shortcode**, ensuring it appears on **100%** of all new and existing blog posts.
- Managed development for **2** separate repositories **(plugin and theme)** with **Git**, thoroughly documenting the entire process with **20+** command-line commits.

Technical Skills

Languages: JavaScript, HTML5, CSS3, PHP, C++
Libraries/Frameworks: React.js, Next.js, React Router, Tailwind CSS, WordPress (Plugin & Theme Development)
Developer Tools: Git, GitHub, VS Code, npm, Postman, Vercel
APIs & Integration: REST APIs
Databases: MySQL