Pratyush Bhattacharya

Web Developer

Portfolio : https://pratyushbhattacharya.in   **GitHub** : https://github.com/PratyushBhattacharya123

📍 Guwahati, Assam ✉ pratyushbhattacharya923@gmail.com 📱 91-9678944861

SUMMARY

Highly motivated and enthusiastic Computer Science Engineer with a solid foundation in the field of Web Development and possess strong understanding in Data Structures and Algorithm. Passionate about problem-solving and dedicated to continuous learning and work in a dynamic environment. Eager to contribute and collaborate on innovative projects that leverage cutting-edge technologies for positive outcomes.

EDUCATION

Bachelor of Technology in Computer Science
Gauhati University Institute of Science and Technology • Guwahati, Assam • 2022 • 8.01 CGPA

PROJECTS

MindMatrix   (Project Link : https://mind-matrix-frontend-f5nt.vercel.app/ **)**
August 2023 - October 2023
- Spearheaded the development of "MindMatrix", a groundbreaking e-learning platform revolutionizing tech education. Empowered users to access courses and manage learning seamlessly using the MERN stack. Introduced features like real-time notifications (using Socket.io), course management, and secure manual and social authentication, enhancing engagement.
- Implemented CI/CD pipeline for continuous integration, resulting in a 30% productivity boost. Utilized custom authentication with OTP validation, ensuring secure access control. Integrated MongoDB, Node.js, Express, Redis (for caching) and Next.js for frontend along with Typescript, achieving a 95% user satisfaction rating and integrated Stripe payment functionality, enabling seamless transactions for users to purchase available courses. Empowered learners to explore and enroll in courses effortlessly.

Plura   (Project Link : https://plurawebsitebuilder.vercel.app/ **)**
January 2024 – March 2024
- Spearheaded the development of "Plura", an innovative website builder SAAS platform empowering user to create agencies and efficiently manage business operations, incorporating features such as lane and ticket value creating, assignment functionalities and Kanban board visualization, implemented a robust CI/CD pipeline model to ensure seamless deployment, enhancing productivity by 30%.
- Utilized Clerk for authentication, providing secure access control and user management capabilities, ensuring a streamlined user experience.
- Created the backend using MySQL and Prisma ORM, facilitating efficient data storage, leveraged Next.js, Typescript, Shadcn UI, and Tailwind CSS to develop a responsive and visually appealing user interface, resulting in a 95% user satisfaction rating and developed custom Redux states and components tailored for website building, providing users with flexible and intuitive tools for creating and managing online presence.
- Integrated Stripe Connected Account functionality, enabling agencies to receive commissions when subaccounts run businesses.

Cypress   (Project Link : https://cypress-fw6y.onrender.com/ **)**
November 2023 - January 2024
- Spearheaded the development of "Cypress", a real-time SAAS collaboration platform powered by Supabase for authentication and database management, along with Postgres SQL, Drizzle ORM, Next.js, Typescript, Tailwind CSS, Zod, Stripe, Quill, Socket.io and Shadcn UI.
- Implemented a secure JWT-based authentication system through Supabase, ensuring seamless user and data management.
- Developed custom Redux states and engineered real-time workspace (folders and files) maintaining and update features using Socket.io, facilitating swift and interactive collaboration among users, with an average response time of 300ms for seamless interactions.
- Successfully integrated Stripe for seamless payment processing, enhancing the platform's functionality and user experience, while leveraging Shadcn UI for consistent and appealing and responsive user interface design, resulting in a 90% user satisfaction rating.

WORK HISTORY & CERTIFICATIONS

Google Data Analytics
Coursera • 2023 • SQL, Python, Tableau and Spreadsheet
Completed an intensive 4-month data analytics training program focused on developing a comprehensive understanding of data analysis techniques and tools. This training equipped with essential skills to derive insights from data and make informed business decisions.

Ethical Hacking
Internshala Trainings • 2021 • Computer Networking, Information Security, Web Development
A rigorous Ethical Hacking program focused on mastering techniques to identify and rectify vulnerabilities in digital systems.

Graphic Design   **Android App Development**
Internshala Trainings • 2020 • Photoshop, Illustrator   Internshala Trainings • 2019 • Kotlin, Android

In-house Internship (2 months)
Gauhati University Institute of Science and Technology • 2019 • HTML, PHP, Lab View, Machine Learning, Arduino, Photoshop

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SKILLS

Languages/Relevant Skills: JavaScript, Typescript, Next.js, React.js, CSS, Node.js, Express, Socket.io, Prisma, Java, Python, C, MySQL, Angular.

Hard Skills: Coding, Code Optimization, Data Structure and Algorithm, Troubleshoot, JIRA, Distributed Computing, REST API, Automation.

Soft Skills: Problem Solving, Critical Thinking, Analytical, Creativity, Resilience, Leadership, Teamwork, Time Management, Curiosity.