

# Dibyajyoti Pramanick

[+91 6291673760](#) | [dibyajyotipramanick0750@gmail.com](mailto:dibyajyotipramanick0750@gmail.com) | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

## Skills

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<b>Programming Languages</b>	TypeScript, JavaScript, HTML, CSS
<b>Frameworks &amp; Libraries</b>	React, Redux, Node.js, Express, Tailwind CSS, Bootstrap
<b>Databases</b>	MongoDB, Mongoose, MySQL
<b>Backend &amp; APIs</b>	RESTful APIs, Auth (Clerk), Client-Server Architecture, CRUD Operations
<b>Tools &amp; Platforms</b>	Git, GitHub, Inngest, Webhooks, Background Jobs

## Projects

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### GlowUp – Full-Stack Social Media Web Application [Live](#) | [GitHub](#)

React (JS), Redux, Tailwind, Node.js, Express.js, MongoDB, Clerk, Inngest

- Built a full stack social media app with profiles, posts, likes, comments, follows, and sharing using MERN.
- Implemented secure authentication and authorization with Clerk, including protected routes and role-based access control.
- Designed a responsive modern UI using React and Tailwind CSS focused on smooth mobile friendly experience.
- Developed RESTful APIs with Node.js, Express, MongoDB, handling async logic, errors, and performance optimization.

### ChadGPT – Full-Stack AI Chat Application [Live](#) | [GitHub](#)

React (TS), Redux, Tailwind, Node.js, Express.js, MongoDB, Clerk, Inngest, Google GenAI SDK

- Built a full stack AI chat application using React, TypeScript, Node.js, Express, and MongoDB.
- Integrated Clerk authentication for secure user login, session handling, and protected application access.
- Implemented real-time AI chat using Google GenAI SDK with markdown rendering and syntax highlighting.
- Designed responsive UI with React and Tailwind, used Redux Toolkit, React Router, and Inngest workflows.

### VibeWallz – Full-Stack AI Wallpaper Application [Live](#) | [GitHub](#)

HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, MongoDB, Passport.js

- Built AI-powered wallpaper generator with Node.js, Express, MongoDB, EJS, Bootstrap, and JS following MVC architecture.
- Added Passport.js local login and Google OAuth authentication for secure user sessions.
- Integrated Google GenAI to generate custom wallpapers and Cloudinary for cloud storage.
- Implemented Razorpay test payments, session management, input validation, and rate limiting for performance.
- Designed responsive UI with Bootstrap ensuring usability across devices and screen sizes.

## Education

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BA General | Asutosh College  
(2022 - 2025) CGPA: 6.934

XII (ICSE) | Ideal Public School  
2022 86%