HEMANTA HEMBRAM

Full Stack Developer

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SUMMARY

Full Stack Developer specialized in the **MERN stack** with a passion for building **performance-optimized**, **scalable** web applications. Experienced in integrating **modern AI tools** and developing impactful projects in **EdTech** and **FinTech**. Focused on writing **clean, maintainable code** and creating **collaborative, user-centric platforms**.

EXPERIENCE

Web Development Intern   (Apr 2023 – Jun 2023)
PHN Technology Pvt. Ltd.

- Developed **back-end** and **front-end components** for a **delivery-based web app**.
- Improved **app performance by 25%** through **optimized code and architecture**.
- Implemented **unit testing** and **CI/CD pipelines** to streamline **deployments**.

EDUCATION

- **Bachelor of Technology (B.Tech**) | Computer Science & Engineering   (2020 – 2023)
  Government College of Engineering & Leather Technology, Kolkata

- **Diploma (Polytechnic)** – Computer Science & Technology   (2017 – 2020)
  APC Roy Polytechnic, Kolkata

- **Higher Secondary (10+2)** – Manbhum Victoria Institution, Purulia   (2016 – 2017)

- **Secondary (10th)** – Y.S.S.K. Vidyapith, Purulia   (2014 – 2015)

SKILLS

- **Languages :** *JavaScript, TypeScript, Python*
- **Front-end :** *HTML, CSS, React.js, Next.js, Tailwind CSS, Redux Toolkit*
- **Back-end :** *Node.js, Express.js*
- **Database :** *MongoDB,PostgreSQL*
- **Tools :** *Git, GitHub, RESTful APIs, Docker, Vercel,CI/CD*
- **AI Tools :** *Gemini AI, Vapi, Chatgpt*

PROJECTS

❖ **AI Finance Platform**   [Github](#) | [Live Demo](#)
  Technologies: ***Next.js, Tailwind CSS, Supabase, Clerk, Inngest, Arcjet, Resend, Gemini AI***

- Built an **AI-powered finance dashboard** for **real-time budget tracking** and **receipt scanning**.
- Integrated **secure user authentication** with Clerk and **predictive analytics** using Gemini AI.
- Enabled **scalable background jobs** (Inngest) and **transactional email notifications** (Resend).

❖ **Collaborative Text Editor**   [Github](#) | [Live Demo](#)
  Technologies: ***Next.js, TypeScript, Tailwind CSS, Clerk, Liveblocks, Docker***

- Developed a **real-time collaborative editor** with **GitHub OAuth-based access control**.
- Features include **inline commenting**, **live cursor tracking**, and **presence indicators** to enable seamless team collaboration.
- Delivered **responsive design** with smooth **multi-user interactions**.