Drubajyoti Debnath

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Summary

Passionate SDE with expertise in full-stack & mobile application development. Proven ability to build scalable, high-performance solutions & intuitive UX designs, enhancing efficiency & user engagement.

Technical Skills

C/C++, Python, Flutter, Web Development, REST API Integration, Javascript, Python (Flask), Linux, Git, Docker, Figma, Responsive & Mobile-First Design, UX Research, High-fidelity prototyping

Experience

- Software Developer Intern *@Avant Technoinfra, Bangalore*   01/2025 to 06/2025
  - Deployed a **CMS** that significantly enhances internal workflows and reduces content **update cycles by 50%.**
  - Built a scalable **role-based access system** tailored to business roles (HR, Admin, Manager), enhancing **operational clarity** and **security**. Check it out on [Github]

- Web Application Developer Intern *@ETDC, Agartala*   06/2023 to 08/2023
  - Optimized a Linux hosted Management Information System for **real-time tracking & automation reports**, leading to a **60% improvement** in decision-making efficiency.

- UI Designer *@Gymmi, Faridabad*   01/2023 to 06/2023
  - Designed a cohesive **mobile app UI**, receiving **90% positive feedback** in user testing.
  - Created **wireframes** and **high-fidelity prototypes** for a website, reducing design iteration time by 25%.

- Freelance Developer *@Self-managed*   03/2021 to 12/2022
  - Built **responsive websites** for small businesses, improving brand visibility and engagement..
  - Delivered **SCSS-Based UI** components to playmeadowlands.com, enhancing site consistency & maintainability.
  - Maintained **wordPress** websites for **cost-conscious** business owners seeking **effective online presence**.

- Web Designer *@Software World, Agartala*   08/2019 to 03/2021
  - Successfully implemented **Single Page Applications** and **Progressive Web Applications** across 5+ software.
  - Crafted **20+ innovative UI/UX** prototypes with **Figma**; 80% moved to production with <1% bug rate.
  - Collaborated with back-end teams to debug and optimize **REST API integration** with the help of **Postman.**

Projects

- Nothing Inspired Dialer App (**Flutter**)
  - Implemented core **calling functionalities** and focused on creating a **sleek**, **user-centric** interface, highlighting strong UI/UX implementation skills within a **mobile development**. [GitHub]

- Meethub (**Next.js, MongoDB**)
  - Built and deployed a **full-stack event management app** using Next.js (TypeScript), MongoDB, Stripe, & Clerk, enabling **seamless user experience** and **automated deployments** via Vercel **CI/CD**. [Live Demo] [GitHub]

- Weebeio (**Python, HTML, CSS, JS**)
  - Developed and deployed an ML-based chatbot with a custom UI using **Flask** and **Chatterbot**, leading a team to optimize backend performance and achieving a **65%** rise in **engagement** and **25% faster responses**. [GitHub]

Education

- B.Tech CSE, MRIIRS (2022–2025)
- Diploma in CSE, NIELIT (2019–2022)

Certification

- JavaScript Data Structures & Algorithms – *freeCodeCamp*
- Google UX Design – *Coursera*
- Android Development – *NIELIT (MiETY)*
- Research paper on Prediction Blood Hemoglobin – *IEEE*