

Abhinaw Gupta

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Front-end developer with 2+ years of experience building accessible, high-performance web applications. Skilled in React, Tailwind CSS, and modern JavaScript frameworks with expertise in UI/UX optimization and full-stack development.

Education

Army Institute of Technology, Pune

Bachelor of Engineering - Electronics and Telecommunication Engineering, **CGPA: 9.06**

Pune, Maharashtra

2020 - 2024

Indian Institute of Technology, Ropar

Major in Artificial Intelligence, **CGPA: 6.74**

Remote

Nov 2024 - Oct 2025

Work Experience

Alvera.ai

Front-end Developer

Remote

November 2024 - Present

- Developed **accessible and user-friendly interfaces** with **Tailwind CSS**, **Alpine.js**, and **LiveView**, integrating with **Phoenix/Elixir** backend.
- Migrated client websites from **Phoenix/Elixir** to **Astro**, reducing deployment costs by **60%**, improving load times by **45%**, and cutting dev cycles by **30%**.
- Built a custom **CMS application** for managing client website content, reducing update turnaround by **70%** and generating new revenue.
- Maintained **5+ live client websites** with regular updates, achieving **99.9%** uptime.
- Optimized UI performance by **30%** and improved user satisfaction by **20%** through usability testing and enhancements.

Freelance Developer

Front-end Developer

Remote

April 2024 - August 2024

- Built a scalable web app with FARM stack (**FastAPI**, **React**, **MongoDB**) with **Firebase** authentication.
- Optimized APIs using **FastAPI**, cutting response times by **40%**; created responsive UI with **React**, **Tailwind CSS**, and **Ant Design**, improving load time by **25%**.
- Enhanced security and user experience, reducing user-reported issues by **15%**.

Projects

Smart India Hackathon 2023 POC - 📺

- Led team to develop a **POC** integrating hardware and software for smart city and agricultural automation.
- Built an **Android app** with **React Native** and **WebSockets** for real-time data display from ESP modules.
- Implemented **RFID**, **ESP-NOW**, and **LoRa** for robust inter-hardware communication with **ESP32/ESP8266**.
- Managed backend using **Firebase** for secure authentication and data handling.

Curio - Blog Site - 📺

- Built a dynamic blog site using **Node.js**, **Express.js**, and **MongoDB** with **EJS** for dynamic content rendering.
- Implemented **user authentication and authorization with bcrypt and JWT** for secure access.
- Leveraged **MongoDB** for efficient storage and retrieval of blog data, enhancing user interaction.

Skills

Languages

Python, Javascript, Elixir, HTML/CSS

Frameworks

FastAPI, ReactJS, Phoenix, Redux, Tailwind CSS, Astro, React Router, NodeJS, ExpressJS

Software & Tools

VS Code, Git/GitHub, Cloudflare, Cloudflare Workers & Pages

Platforms

Windows, Linux, macOS

Achievements & Positions of Responsibility

Smart India Hackathon

Winner of Smart India Hackathon 2023, a national-level competition by Govt. of India.

Tech Lead, I&E-Cell

Managed website, led sessions, coordinated projects, and organized key events.

Tech Lead, Robotics Club

Led projects for national competitions, delegated tasks, and organized workshops.

Innerv

Part of the organising team for a National Level Hackathon.