

# Himanshu Bhardwaz

Portfolio: [himanshubhardwaz.com](https://himanshubhardwaz.com)

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## SKILLS SUMMARY

- **Languages:** HTML5, CSS3, JavaScript (ES6 +), TypeScript, C++
- **Frameworks:** React.js, Next.js, Remix.run, Astro, Svelte Kit, Node.js, Serverless
- **Libraries:** Express, Bun, Redux, Zustand, Zod, Prisma, Tailwind, React-Query, Twilio, OpenAI, Puppeteer
- **Tools:** MongoDB, Redis, PostgreSQL, SQLite, Docker, Kubernetes, GIT, Turborepo, Vite

## EXPERIENCE

- **SaaS Labs** Noida  
*Software Engineer (Full-time)* June 2023 - Current
  - **Authored JustCall Dialer SDK:** Developed in **TypeScript**, enabling seamless integration across web environments, automated deployment with **GitHub Actions & Changesets**, Improved developer adoption by more than **100x**.
  - **JustCall AI Notetaker:** Built **Node.js** services to automate meeting recordings. Designed and Developed a Zoom and Google Meet bot with **Puppeteer**, transcribing **1M+** meetings monthly, boosting pitch efficiency, and increasing sales conversions by **125%**. Revamped deployment, reducing costs by **82.5%**.
  - **Built JustCall Global Search:** Engineered a **React.js, Node.js, & Algolia** powered search engine for multiple products and thousands of blogs under the JustCall brands, featuring automatic daily scrapers to keep data up to date. Delivered a highly intuitive user interface that handles over **10k** daily searches and improves user retention by **25%**.
  - **Authored comprehensive test cases:** Reduced production bugs by **20%** with **Vitest & React Testing Library**.
  - **Developed AI Voice Agent:** Developed a responsive user interface with a strong focus on accessibility, ensuring seamless user interactions and enhancing overall usability and functionality.
  - **Maintainance & Modernization of JustCall's Product Suite:** Maintained and upgraded JustCall products, including the Dialer Web App, Chrome Extension, and Desktop App, using **Remix.run, TypeScript, & Electron**. Led the migration of JustCall's PHP codebase to **Remix.run**, rebranding it as Apex, **boosting scalability and performance**. Conducted audits, achieving a **130%** speed improvement and enhancing customer satisfaction.
- **SaaS Labs** Remote  
*SDE Intern (Full-time)* Aug 2021 - March 2023
  - **Dialworks:** Led the development of an on-demand sales training platform using **React.js, Node.js, Redux, react-query, and TypeScript**. Enhanced platform efficiency and cost-effectiveness for users achieving a **30%** reduction in training time and a **20%** improvement in user engagement.
  - **Matchmaking Algorithm:** Developed a matchmaking algorithm using **Socket.io**, integrating **Twilio** for seamless partner-candidate connections, with robust error handling to ensure reliability.
  - **Performance Improvement:** Demonstrated full-stack proficiency, achieving a **32%** performance improvement through targeted optimization techniques.
- **LetsEndorse** Remote  
*Full Stack Engineer Intern (Full-time)* June 2021 - July 2021
  - **Built an Admin Module:** Developed an end-to-end admin module using **React** and the **Google Maps JavaScript API**, enabling seamless area selection and data storage for over **1k+** administrators at LetsEndorse.
  - **Implemented Data Caching layer:** Implemented efficient **caching strategies** during the migration from **Redux to React-Query**, resulting in a notable **20%** improvement in application performance and load time.
- **Pearl Thoughts** Remote  
*Frontend Developer (Part-time/Contractual)* Jan 2023 - Jan 2023
  - **On Demand PDF Generation Service:** Built a PDF Generation service using the **serverless** framework (TypeScript) and deployed it on **AWS lambda**. Integrated the service in a **Next.js** application.

## PROJECTS

- **Meme generator AI:** 🤖 - 📷 : Designed and built an AI-powered meme caption generator App using **Remix.run, TypeScript, Prisma, PostgreSQL, & Tailwind CSS**. Integrated **Microsoft Azure Computer Vision & Cloudflare AI workers** to generate humorous captions from images.
- **Heisenburg:** 🤖 - 📷 : Built an easy-to-use, lightweight form validation library with a suite of npm packages for **JavaScript/TypeScript** applications and frameworks as a replacement for the deprecated "react-use-form-validate" package. Developed with **TypeScript**, leveraging tools like **tsup, Turborepo, & Changesets**.
- **Connect:** 🤖 - 📷 : Developed a modern, scalable real-time communication platform inspired by Omegle. Built with **SvelteKit, Ably, & PostgreSQL** to enable seamless text chat between strangers.
- **Portfolio/Blog:** 🤖 - 📷 : Created a sleek personal portfolio and blog with **Astro**, integrating **Tailwind CSS, MDX, & Drizzle ORM** for exceptional performance and dynamic content delivery.
- **gmeet-auto-mute:** 🤖 - 📷 : Built a chrome extension that creates a Google Meet with a click of a button, automatically mute audio and video, and copy the Google Meet URL.

## EDUCATION

- **VIT Vellore** Vellore, India  
*Bachelor of Technology - Computer Science and Engineering; GPA: 8.37/10* May 2019 - May 2023  
*Courses:* Operating Systems, Data Structures, Cryptography, Artificial Intelligence, Machine Learning, Networking, Databases