

# Himanshu Bhardwaz

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

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## SKILLS SUMMARY

- **Languages:** HTML5, CSS3, JavaScript (ES6+), TypeScript
- **Frameworks:** React.js, Next.js, Remix.run, Astro, Svelte Kit, Node.js, Express, Bun, Serverless
- **Libraries:** Redux, Zustand, Prisma, Tailwind, React-Query, Twilio, OpenAI, Puppeteer, Turborepo, Vite, Firebase
- **Tools:** MongoDB, Redis, PostgreSQL, Docker, Git, CI/CD (Jenkins), GCP (Pub/Sub, Cloud Functions)

## 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.
  - **Maintenance & 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 boosting customer satisfaction.
  - **Component Library & Design System:** Built and maintained a scalable component library & design system using **Emotion, Tailwind, Turborepo & React.js**, ensuring consistency, performance, and reusability across applications.
- **SaaS Labs** Remote  
*SDE Intern (Full-time)* Aug 2021 - March 2023
  - **Dialworks:** Led development of an on-demand sales training platform using **React.js, Node.js, Redux, react-query, and TypeScript**, achieving a **30%** reduction in training time, a **20%** boost in user engagement, and a **32%** performance improvement.
  - **Matchmaking Algorithm:** Developed a matchmaking algorithm using **Socket.io**, integrating **Twilio** for seamless partner-candidate connections, with robust error handling to ensure reliability.
- **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.

## 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, Aply, & 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.

## 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*