Himanshu Bhardwaz

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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, 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 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 acheiving 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.

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.

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*