Himanshu Bhardwaz

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SKILLS SUMMARY

- **Languages**: HTML, CSS, JavaScript (ES6), TypeScript, C++
- **Frameworks**: React, NextJS, Remix.run, Astro, Svelte Kit, NodeJS, Serverless
- **Libraries**: Express, Bun, Redux, Zustand, Zod, Prisma, Tailwind, react-query, Twilio, Open AI, Puppeteer
- **Tools**: MongoDB, Redis, PostgreSQL, SQLite, Docker, Kubernetes, GIT, Turborepo, Vite

EXPERIENCE

- **SaaS Labs** — Noida
  Software Engineer (Full-time) — *June 2022 - 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.
  - **Built JustCall AI Notetaker**: Designed and implemented a meeting bot for Zoom and Google Meet with Puppeteer and Node.js, transcribing 1M+ meetings monthly and boosting pitch efficiency and contributing to a 125% increase in sales conversions, revamped the deployment strategy, reducing costs by 82.5%.
  - **Built JustCall Global Search**: Engineered a React.js, Node and Algolia-powered search engine for multiple products under JustCall brands, handling 10k+ daily searches and improving user retention by 25%.
  - **Authored comprehensive test cases**: Reduced production bugs by 20% with Vitest and React Testing Library.
  - **Maintained and upgraded JustCall apps**: Migrated PHP codebase to Remix.run, improving scalability and performance. Conducted audits, achieving a 130% speed improvement and boosting customer satisfaction.
  - **Developed AI Voice Agent**: Built and integrated REST APIs along with a responsive user interface for seamless automation and user interactions, enhancing overall usability and functionality.
  - **Maintainance of Multiple Products under JustCall**: Maintained the Apex, JustCall Chrome Extension, Dialer Web App and Desktop App using Remix.run, TypeScript, Electron, and Twilio.

- **SaaS Labs** — Remote
  SDE Intern (Full-time) — *Aug 2021 - March 2022*
  - **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.
  - **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.

- **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 (TypeScript) application.

PROJECTS

- **Meme generator AI: GitHub – Live**: (April 23 - Current) Designed and built an AI-powered meme caption generator App using Remix.run, TypeScript, Prisma, PostgreSQL, and Tailwind CSS. Integrated Microsoft Azure Computer Vision and OpenAI to generate humorous captions from images.

- **Heisenburg : GitHub – Live**: (December '24 - Current) 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, and Changesets.

- **Connect GitHub – Live** : (March 2024 - Current) Developed a modern, scalable real-time communication platform inspired by Omegle. Built with SvelteKit, Ably, and PostgreSQL to enable seamless text chat between strangers.

- **Portfolio/Blog GitHub – Live**: (Aug 2024 - Current) Created a sleek personal portfolio and blog with Astro, integrating Tailwind CSS, MDX, and Drizzle ORM for exceptional performance and dynamic content delivery.

- **gmeet-auto-mute GitHub – Live**: (March 2023) 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*