HARPREET SINGH

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TECHNICAL SKILLS

Languages: Typescript,Javascript
Frontend: Next.js, React.js, Vite, Recoil, Sass, Redux Toolkit, Zustand, Tailwind, Flowbite, Greensock, Framer Motion
Backend: Node.js, Express, TRPC, Hono, Mongoose, Prisma, Passportjs
Miscellaneous: WebSockets, Docker, AWS, Redis, Socket.io, Connection Pooling In Serverless Enviroments,OpenAPI, Swagger, Turborepo, Git, CI/CD

EXPERIENCE

Deepdive Media Pvt. Ltd. - FullStack Developer   **08/2022 - 04/2024**

- **Coupongini(https://www.coupongini.com/):** Built a scalable backend editor to streamline blog post creation, eliminating reliance on third-party tools and reducing operational costs by 60%.
- Engineered a robust backend feature for seamless banner uploads that streamlined the process for 3+ content creators, resulting in a 70% reduction in developer involvement and a 25% decrease in time latency.
- Delivered a 25% increase in user engagement and a 30% decrease in development time by strategically integrating real-time event display and personalized coupon features.
- Optimized website performance through rigorous Lighthouse testing, achieving a 20% increase in load speed and a 25% boost in user engagement.
- Collaborated with the backend team to optimize frontend and backend for a combined 30% increase in system performance.
- **Deepdive`s Data Management and Analytics Dashboard:** Accelerated data report delivery by 35% through Next.js Server-Side Rendering, enhancing user experience and boosting team productivity by 45%.
- Steered cross-functional teams to design and implement a high-performance architecture, resulting in a 20% reduction in development time and a 15% increase in product delivery speed.
- **Deepdive`s HR and Payroll Dashboard:** Empowered employees with self-service HR tools, including leave requests and pay slip access, streamlining HR processes and reducing administrative overhead by 30%.
- Streamlined attendance tracking with facial recognition, reducing time theft and inaccuracies by 40% through robust biometric authentication.
- Implemented an employee Net Promoter Score (eNPS) system with sentiment analysis, leading to a 10% increase in employee retention and a 15% improvement in overall employee satisfaction.
- **Deepdive`s Official Site(https://www.deepdivemedia.in/):** Enhanced user engagement and reduced bounce rates by 29% through the development of a visually captivating and immersive website experience using React Three Fiber and Three.js.
- Engineered a high-performance front-end architecture, accelerating website speed by 25% and boosting conversion rates by 10%.

PERSONAL PROJECTS

- **Synapse(https://synapse-taupe.vercel.app/):** Constructed a real-time collaborative whiteboard application using Convex, Next.js, Clerk, and tldraw, enabling users to create, share, and visualize ideas through interactive elements like sticky notes, shapes, and text.
- **Neuron(https://neuron-ai-chi.vercel.app/):** Built a robust AI chatbot SaaS platform powered by @google/generative SDK, providing seamless website integration and advanced NLP for natural interactions. Offers customizable bots, sentiment analysis for improved user experience, and a user-friendly management dashboard. Soon to introduce email campaigns and appointment booking features.
- **Notionize(https://notionize-eight.vercel.app/):** Developed Notionize, a flexible workspace solution allowing users to create and structure content with pages, databases, and diverse content blocks. Offers rich text editing, drag-and-drop functionality, version control, and live preview. Real-time collaboration features to be added soon.
- **Checkmate(https://checkmate-ivory.vercel.app/):** Built Checkmate, a robust task management platform inspired by Trello. Users can efficiently organize tasks into boards, lists, and cards, with drag-and-drop functionality, task assignments, due dates, and seamless collaboration.

EDUCATION

Guru Nanak Dev University (Bachelor of commerce)   08/2023