




Hrithik Prasad

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EDUCATION

- **Aryabhatta Knowledge University** Patna, Bihar
Bachelor of Technology in Computer Science; CGPA: 8.23/10 2018 – 2022

EXPERIENCE

- **Roboto Studio** Remote, India
Senior Full Stack Developer Jan 2023 – Present
 - Optimized web application performance using **React Server Components (RSC)** and modern rendering patterns, improving Lighthouse scores by **30%** and reducing Time to First Byte (TTFB) by **60%**
 - Architected and implemented enterprise search solutions using **Algolia**, **Typesense**, and **vector embeddings**, achieving **40%** faster search response times
 - Architected a scalable **monorepo infrastructure** and template using **Turborepo**, **Next.js**, **Sanity CMS**, and **Shadcn UI**, optimizing development workflows with cutting-edge features and configurations
 - Led complex data migrations from legacy CMS platforms to **Sanity CMS**, implementing custom migration scripts with validation checks to ensure data integrity and platform continuity
 - Developed and published multiple **NPM packages** for **Sanity CMS** integration, enabling streamlined content management and improved developer experience through reusable components and utilities
 - Established automated **data synchronization** using **cron jobs** and **webhooks** for real-time content management and cross-platform data consistency
 - Developed **Raycast extensions** integrating **Linear** and **Toggl APIs**, streamlining task management and time tracking workflows
 - Collaborated effectively across multiple fast-paced client teams to deliver **high-quality solutions** meeting **diverse business requirements** and **tight deadlines**
 - **Tech Stack:** TypeScript, Next.js, React, Node.js, Turborepo, Sanity CMS, Shadcn UI, Algolia, Typesense
- **Decision Foundry** Remote, India
Associate Software Developer Feb 2022 – Jan 2023
 - Optimized API performance through query optimization and caching strategies, achieving a **30%** reduction in response times across all endpoints
 - Collaborated on developing a modern enterprise-grade **SPA** using **Angular**, **Express.js**, and **MongoDB**, implementing core features and functionality
 - Enhanced core spreadsheet and workbook features through optimization of data structures and caching mechanisms, improving overall performance by **10%**
 - Designed and implemented a complex **workflow management** system handling multiple interconnected business processes with state management
 - Engineered custom **library extensions** through advanced **inheritance patterns**, enabling tailored functionality while preserving core package updates
 - Implemented advanced **drag-and-drop** functionality with real-time validation and error handling for seamless user experience
 - Developed a secure and scalable file transfer system using the **SFTP** protocol with encryption and automated retry mechanisms
 - **Tech Stack:** Angular, Express.js, MongoDB, Node.js, TypeScript, AWS

• WeCommit

Software Developer Intern

Remote, India

Oct 2021 – Jan 2022

- Designed and implemented an automated **CI/CD** pipeline with **GitHub Actions** and **AWS EC2**, featuring comprehensive testing, zero-downtime deployments, and automated rollbacks with **99.9%** reliability
- Architected a real-time **social media feed** using **Socket.IO** implementing custom event emitters, namespace segregation, and fault-tolerant reconnection strategies with **98%** uptime
- Implemented automated workflow that creates support tickets based on negative sentiment scores, with real-time user notifications and **30%** faster incident response times
- Integrated third-party **sentiment analysis** APIs to analyze social media interactions and provide actionable insights for customer engagement
- Architected and implemented a comprehensive asset management API utilizing **Amazon S3** with automated backup and versioning
- **Tech Stack: React, Node.js, Express.js, MongoDB, REST APIs, AWS, Docker, Redis**

🔗 PROJECTS

• Membook

Professional Networking Platform

Full-stack career portfolio and networking application

Feb 2022 – May 2022

- Built with **Next.js, TypeScript, Express.js, MongoDB, Socket.IO, Tailwind CSS, Shadcn UI**
- Developed interactive project portfolio feature with rich media support and engagement metrics
- Created real-time activity feed and notifications using **Socket.IO** for user interactions
- Optimized performance using **React Query** for data caching and state management
- Developed an interactive profile system with customizable sections for work history, skills and achievements tracking
- Built responsive profile layouts with dynamic theming and section management
- **Demo:** membook.hrithik.dev
- **Source:** Frontend, Backend

• MedFlix EMR

Healthcare SaaS

Electronic Medical Records System

Mar 2021 – Jun 2021

- Built with **React, Express.js, Redux, MongoDB, Chakra UI**
- Developed an intuitive admin dashboard for managing patient records, appointments, and medical staff
- Implemented user authentication and role-based access control using **JWT tokens**
- Created interactive data visualization components using **Chart.js** to display patient statistics
- Built a prescription management interface with medication search and basic drug information
- Designed responsive layouts and components using **Chakra UI** for optimal viewing across devices
- Integrated PDF generation for basic medical reports and prescriptions using **React-PDF**
- **Demo:** medflix.hrithik.dev
- **Source:** Frontend, Backend

✂ TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, Next.js, React, Node.js, Express.js, Tailwind CSS, Shadcn UI, Radix UI
- **Databases & Tools:** PostgreSQL, MongoDB, Redis, Drizzle ORM, Prisma, Docker, Socket.IO
- **Cloud & DevOps:** AWS (EC2, S3), Vercel, Railway, GitHub Actions, CI/CD
- **Development Tools:** VS Code, Git, Postman, Chrome DevTools, React DevTools