

Reenav Hemaria

Full Stack Software Engineer

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Summary

Full-stack software engineer with experience building production web applications across frontend development, backend APIs, data modeling, caching, asynchronous processing, search infrastructure, and deployment. Works across React, Next.js, TypeScript, Node.js, NestJS, PostgreSQL, Redis, and Docker, with a focus on reliable APIs, maintainable architecture, responsive user experiences, and pragmatic problem-solving.

Education

St. John College of Engineering and Management Information Technology	Bachelor of Engineering in Information Technology • 8.34 CGPI Jul 2019 – May 2023
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Experience

Stuvio	Aug 2025 – Present
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- Full Stack Developer
- Develop and maintain product features across web interfaces, backend APIs, data infrastructure, and production deployment.
- Designed backend architecture and APIs for products spanning social engagement, community features, commerce search, and learning experiences.
 - Built database-driven features using PostgreSQL, Prisma, and Redis, including schema design, caching, session management, and data consistency.
 - Designed asynchronous event-processing workflows with Kafka and independent consumers to move noncritical processing outside synchronous API requests.
 - Developed Next.js operator tooling with live infrastructure health, campaign controls, and operational management.
 - Deployed and operated services using Docker and Nginx, with attention to backups, recovery, monitoring, and production reliability.
 - Implemented product features including feeds, notifications, authentication workflows, privacy rules, and pagination.

Code Rustlers	Jan 2025 – Aug 2025
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- Full-stack Developer
- Delivered web application features and SaaS product functionality across frontend and backend development.
- Developed full-stack product features using modern JavaScript frameworks, APIs, and database integrations.
 - Built responsive interfaces using Next.js, TypeScript, Tailwind CSS, and reusable UI components.
 - Worked with Prisma and relational database workflows to implement application functionality and persistence.
 - Contributed to end-to-end product delivery, integrations, debugging, and maintainable application development.

Code Rustlers	Aug 2023 – Dec 2024
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- Web Developer
- Developed and maintained web applications with an emphasis on frontend implementation, integrations, and usability.
- Built web application features and responsive interfaces using React, Next.js, JavaScript, and TypeScript.
 - Integrated APIs and application services to support end-to-end user workflows.
 - Contributed to SaaS products and client projects, translating requirements into maintainable implementations.
 - Worked on interface refinements, debugging, and iterative feature delivery.

The Devisers	Jun 2023 – Jul 2023
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- Frontend Developer Intern
- Contributed to frontend development and web interface implementation.
- Worked on frontend components and web interface development.
 - Applied core web technologies to implement and refine user-facing experiences.

Projects

- Stooky**
- Social product with PostgreSQL-backed data architecture, Redis caching, asynchronous event processing, and operator tooling.
- Designed event-bus, cache, and runtime responsibilities around PostgreSQL, Redis, and Kafka.
 - Built APIs and product features for feeds, notifications, privacy rules, and campaign management.
 - Led development of a Next.js operator dashboard with live infrastructure health and operational controls.
 - Deployed services using Docker and Nginx and incorporated backup, recovery, and operational monitoring.

Juugo

Commerce search and retrieval system evolved through multiple iterations of query understanding and hybrid retrieval.

- Designed and iterated on retrieval architecture as product search requirements evolved.
- Used PostgreSQL taxonomy data, indexing, embeddings, and dedicated retrieval infrastructure.
- Built supporting workers and query-understanding integrations for product discovery.

JamJam

Community platform with structured data models, membership workflows, content interactions, feeds, and notifications.

- Designed the data model and implemented APIs for communities, membership, posts, comments, reactions, polls, and feeds.
- Implemented Redis-backed sessions, account-state checks, reusable pagination, and notification preferences.
- Used database constraints and migration practices to maintain data integrity as the product evolved.

Brello

AI-enabled chat experience with a responsive Next.js web interface.

- Implemented streaming Markdown responses, conversation history persistence, authentication middleware, and abort/regenerate interactions.
- Handled responsive textarea behavior and interface interactions during streaming responses.
- Integrated rich content rendering, including Mermaid diagrams and image captions.

FlexiBuckets

Open-source, self-hosted application for managing multiple S3-compatible storage providers and securely sharing files.

- Contributed to a Next.js application with reusable UI components and client-side data management.
- Worked on multi-provider storage workflows, granular file-sharing permissions, and Docker-related functionality.

<https://www.flexibuckets.com/>

Skills

★ **Frontend Development**

React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, shadcn/ui, TanStack Query, Zustand, Responsive UI Development, Component-Based Architecture

★ **Backend Development**

Node.js, NestJS, Express.js, REST APIs, API Design, Authentication, JWT, WebSockets, Asynchronous Processing

★ **Databases and Data Systems**

PostgreSQL, SQL, Prisma ORM, MongoDB, Redis, Cassandra, Database Schema Design, Indexing, Caching, Data Consistency

★ **Infrastructure and Architecture**

Docker, Docker Compose, Nginx, VPS Deployment, PgBouncer, Kafka, BullMQ, System Design, Production Debugging, Monitoring, Backup and Recovery

★ **Search and Integrations**

Search and Retrieval Systems, Weaviate, Embeddings, Gemini API, Groq, Google APIs, Git

Certifications

ReactJS with Firebase

LearnCodeOnline

MongoDB with NodeJS

Verzeo

Getting Started with Python

Awards

Smart India Hackathon 2022

Smart India Hackathon

Participated as part of a six-member team and placed 10th within the college.

Publications

Blockchain Crowdfunding: A New Era in Democratizing Investment Opportunities

2023

Springer

Research paper on blockchain crowdfunding and democratizing investment opportunities.