

Sharath Devadiga

Full Stack Developer

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PROJECTS

Cacheupp | React.js, Node.js, WebSockets, PostgreSQL, PGVector

[Live](#) | [Github](#)

- Developed a feature-rich social platform with posts, likes, comments, real-time chat, friend system, and forums, implementing Google OAuth 2.0.
- Boosted forum search accuracy by 30% using vector embeddings (pgvector) and reduced frontend state complexity by 20% with Zustand.
- Enhanced UX with Framer Motion animations and improved login security by 20% using bcrypt encryption and secure cookie implementation.

StudyVerse | Next.js, Express.js, WebSockets, PostgreSQL, Turborepo

[Github](#)

- Developing a real-time collaborative learning hub for university students to join semester-specific chat rooms, share notes, and connect.
- Engineered an AI-driven chat summarization feature that analyzes discussions and shared notes to generate concise recaps, reducing user catch-up and reading time by nearly 70% and boosting study efficiency.
- Developed a scalable WebSocket-powered real-time chat and feed update system to ensure seamless communication and dynamic content delivery.

MoodBlog | Next.js, TypeScript, Prisma, PostgreSQL, Zustand

[Live](#) | [Github](#)

- Engineered a full-stack social platform to express and share thoughts through mood-based posts, featuring 8 unique emotion categories and social features.
- Built OTP-based authentication improving account recovery by 100% and reducing unauthorized access by enabling admin-level user monitoring.
- Optimized state management with Zustand for real-time likes/comments, reducing network fetches by 40% and improving initial page load speeds by 20%.

BrainApp | MERN Stack, TypeScript, Tailwind CSS

[Live](#) | [Github](#)

- Designed a secure web app for users to save, organize, and share content from YouTube, Twitter, and notes in a centralized "Brain".
- Decreased time to find saved resources by 60% by implementing an intuitive, tab-based UI for quick category-specific access.
- Engineered an instant-load, read-only "share" feature, achieving 90% faster content retrieval for shared pages by eliminating loading states.

SKILLS

Languages: JavaScript, TypeScript, C/C++

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Socket.io, Zustand, Tailwind CSS, Prisma

Databases & Tools: PostgreSQL, MongoDB, MySQL, Docker, Git/GitHub, Postman, VS Code

Concepts & Development Skills: API Development, RESTful Services, WebSockets, Data Structures Algorithms, State Management, Authentication

EDUCATION

Vasantdada Patil Pratishthan College of Engineering

Sion, Mumbai

Bachelor of Engineering in Information Technology

2022 - 2026

Bhavan's College

Andheri, Mumbai

Higher Secondary Education

2020 - 2022