

SHARATH DEVADIGA

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PROJECTS

Cacheupp | [Live](#) [G](#) | [GitHub](#) [G](#)

September 2024

- **Overview:** Cacheupp is a social media platform that allows users to connect with friends, send and accept friend requests, message, save posts, like, and comment — all features of a standard social media application.
- **Key Feature:** Cacheupp includes a forum section where users can request a forum, which an admin approves. Users can then create threads, post content, comment, and like posts. It also integrates vector-based search using PostgreSQL with PGVector, allowing users to search for content based on meaning for faster and more intuitive discovery.
- **Technology Stack:** React.js frontend, Node.js backend with WebSockets, PostgreSQL database with PGVector, MongoDB.

StudyVerse | [GitHub](#) [G](#)

August 2025 – Present

- **Overview:** StudyVerse is a real-time collaborative learning platform for university students. Join semester-specific chat rooms, share notes, and connect with classmates.
- **Key Features:** *Room Dashboard* with live feed, AI summary wall, and room statistics. *Content Management* includes file uploads, AI-based summarization, quiz generation, and concept mapping.
- **Technology Stack:** Next.js frontend, Express.js backend with WebSockets, PostgreSQL database, Turborepo monorepo.

Brain App | [GitHub](#) [G](#)

Feb 2025

- **Overview:** Brain App is a secure web application that lets users save, organize, and share valuable content from YouTube, Twitter, and personal notes. Users can bookmark important information for future reference and share their curated collections, referred to as their “Brain.”
- **Purpose:** Designed to improve knowledge retention by providing quick and easy access to saved resources.
- **Technology Stack:** MERN stack with TypeScript, Tailwind CSS.

SKILLS

Languages: C, C++, Python, JavaScript, TypeScript

Technologies/Frameworks: React.js, Next.js, Node.js, Express.js, Socket.io, Zustand, TailwindCSS.

Databases: MongoDB, PostgreSQL, MySQL

Platforms & Tools: Git/GitHub, Postman, VS Code, Docker.

Soft Skills: Problem Solving, Critical Thinking, Team Collaboration, Communication, Adaptability

EDUCATION

Vasantdada Patil Pratishthan College of Engineering

2022 – 2026

Bachelor's in Information Technology

Sion, Mumbai

Bhavan's College

2020 – 2022

Higher Secondary Education

Andheri, Mumbai

CERTIFICATIONS

• Python [G](#)

• MySQL [G](#)