Vinayak Gubber

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PROFILE

Aspiring software developer with hands-on experience in building scalable backend and full-stack applications using Java, Node.js, and MERN stack. Proficient in object-oriented programming, RESTful API design, and database modeling. I am passionate about building reliable systems, solving real-world problems, and contributing to high impact products in a fast-paced environment.

EDUCATION

College: RV College of Engineering | *Ongoing*
University: Visvesvaraya Technological University
Location: Bengaluru
Master of Computer Applications CGPA (1st Semester): 8.11

College: IBMR Business School | *2021-2024*
University: Karnataka University Dharwad
Location: Hubballi
Bachelor of Computer Applications CGPA: 8.43

SKILLS

Technical: Java, JavaScript, HTML, CSS, SQL, Postman, Git, GitHub

Soft Skills: Problem Solving, Adaptability, Attention to Detail, Communication, Self-Motivation

CERTIFICATIONS

- AWS Fundamentals *(Udemy)*
- Research Methodology *(NPTEL)* | Scored 71%

PROJECTS

NoteSphere – Full Stack Notes Sharing Platform | MERN, Cloudinary, Multer, Redux (Link)
• Implemented features for uploading, viewing, and sharing academic notes with file metadata, tagging, and user association
• Developed custom authentication with session flow, bcrypt-based password hashing, and Redux-managed frontend state
• Integrated Multer for file handling and configured Cloudinary for secure media storage
• Designed RESTful APIs for note management and user authentication
• Practiced end-to-end service ownership by designing scalable APIs, modelling data with Mongoose, deploying to cloud and followed MVC architecture

use-debounce-fn – Custom React Hook | TypeScript | 130+(Highest) weekly downloads (Link)
• Developed a lightweight, fully typed React hook to debounce any function with configurable delay and immediate execution option
• Implemented cancel and flush methods for manual control over pending debounced calls
• Ensured React compatibility using hooks (useRef, useEffect) and maintained latest function references for accuracy
• Achieved 100% TypeScript strict mode compliance for robust type safety and better developer experience

RandomQuoteAPI – RESTful Inspirational Quote Service | Node.js, Express, JSON Store (Link)
• Engineered a lightweight, zero-dependency REST API for delivering random inspirational quotes with minimal latency
• Designed a custom JSON-based in-memory datastore to eliminate third-party dependencies and ensure full control over quote data lifecycle
• Applied RESTful principles and performance-first design for high-availability stateless service

ACHIEVEMENTS

• Created open-source React hook (`use-debounce-fn`) with 130+(Highest) weekly downloads, showcasing real-world impact and reusability