

GOUTHAM KUMAR

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Summary

A self-motivated and curious Computer Science student with a deep desire to understand things at their core. Passionate about meaningful growth, real-world impact, and learning with purpose at every step.

Skills

Languages: JavaScript (ES6+), TypeScript, Java, C++, Python, Dart, HTML5, CSS3

Frontend: React.js, Next.js, Flutter, Redux Toolkit, Riverpod, Material UI (MUI), Vite

Backend: Node.js, Express.js, REST APIs, Socket.io, WebRTC

Database: MongoDB, MongoDB Atlas, MySQL, PostgreSQL, Oracle SQL, Mongoose, Prisma

Authentication: JWT, Passport.js, Express Session, bcrypt, Firebase Authentication

Cloud & Services: AWS S3, Firebase Cloud Messaging (FCM), Cloudinary, Google Maps API, MapTiler, Multer

Tools & Libraries: Git, GitHub, Postman, Axios, Chart.js, Joi, EJS, Vercel, Render, CI/CD

Experience

Zidio Development Intern

Mar 2026 – Jun 2026

IntellMeet — AI-Powered Enterprise Meeting & Collaboration Platform Certificate

Remote

- Developed a production-grade AI-powered enterprise meeting and collaboration platform using the MERN Stack, integrating real-time video conferencing, team collaboration, and AI-assisted meeting workflows.
- Implemented secure authentication, RESTful APIs, real-time communication, and scalable backend architecture using Node.js, Express.js, MongoDB, JWT, Socket.io, and WebRTC.
- Applied modern software engineering practices including responsive UI development, modular architecture, security best practices, and Git-based version control while building an enterprise-scale web application.

Projects

ProConnect - Professional Networking Platform | *Next.js, Redux Toolkit* | Live

Oct 2026 – Present

- Built a full-stack professional networking platform inspired by LinkedIn, featuring personalized profiles, profile completion tracking, interactive feeds, professional connections, job discovery, and personalized recommendations.
- Developed responsive 3-column desktop and mobile-first interfaces using Next.js, implementing familiar professional networking patterns with optimized interaction zones and reusable UI components.
- Implemented post creation, likes, comments, connection actions, and optimistic UI updates to provide immediate interaction feedback while maintaining synchronized application state with Redux Toolkit.
- Designed a profile completion system using the Goal-Gradient Effect and personalized discovery workflows to encourage users to complete professional information and discover relevant connections and opportunities.

Relay AI - Full-Stack AI Chat Platform | *MERN Stack, Passport.js, Express Session* | Live Aug 2026 – Oct 2026

- Built and deployed a responsive AI chat platform featuring real-time AI responses, conversation history, thread creation, pinning, deletion, and mobile-friendly navigation.
- Implemented secure session-based authentication using Passport.js, bcrypt, MongoDB-backed sessions, HTTP-only cookies, and ownership-based authorization to isolate user and guest conversations.
- Designed a guest chat system with unique session identities, automatic three-day expiration, and guest-to-user conversation transfer after login; deployed the React/Vite frontend on Netlify and the Node.js/Express backend on Render.

RepoLight - Version Control System | *MERN Stack, AWS S3, Socket.io, JWT* | Live

Jan 2026 – March 2026

- Built and deployed a GitHub-inspired full-stack platform supporting repository management, public/private visibility, issue tracking, repository starring, user following, developer profiles, and a dynamic contribution heatmap.
- Developed a custom version-control CLI with repository initialization, staging, commits, push, pull, and revert operations, using MongoDB for metadata and AWS S3 for repository file storage.
- Implemented JWT authentication, bcrypt password hashing, ownership-based authorization, protected REST APIs, and structured error handling; deployed the React/Vite frontend on Netlify and the Node.js/Express backend on Render.

VibeMeet - Real-Time Video Conferencing App | *MERN Stack, WebRTC* | [Live](#) **Aug 2025 – Dec 2025**

- Developed a full-stack real-time video conferencing application using React.js, Node.js, Express.js, and MongoDB, integrating WebRTC and Socket.io for seamless peer-to-peer audio/video transmission.
- Designed a responsive, premium glassmorphism dark-mode user interface with Material UI, featuring custom camera/microphone toggles and a “Theater Focus Mode” for dynamic participant pinning.
- Implemented a scalable WebSocket signaling pipeline on the backend, incorporating strict connection cleanup protocols and message routing to eliminate packet duplication and local audio echoes.

Zuno-Trading & Stock Market Platform | *MERN Stack* | [Live](#) **April 2025 – July 2025**

- Developed a full-stack stock market and trading platform using React.js, Node.js, Express.js, MongoDB, and Passport.js with secure user authentication and session management.
- Designed responsive user interfaces with Material UI, integrated interactive stock charts using Chart.js, and consumed REST APIs using Axios for seamless frontend-backend communication.
- Implemented a scalable backend with Express.js and MongoDB, following RESTful architecture for efficient data management and user operations.
- Utilized Git/GitHub for version control and followed modular development practices to build a maintainable, production-ready web application.

Wanderlust - Vacation Rental & Booking Platform | [Live](#) **Jan 2025 – Mar 2025**

- Developed a full-stack vacation rental platform inspired by Airbnb using Node.js, Express.js, MongoDB, and EJS, enabling users to browse, create, update, and manage property listings with secure authentication.
- Integrated Cloudinary, Multer, and MapTiler API for image uploads, cloud storage, and interactive location maps, enhancing the overall user experience.
- Built a scalable backend with MongoDB, Passport.js, Express Session, Joi validation, and RESTful architecture to deliver a secure, responsive, and production-ready web application.

Awards & Certifications

- **Data Structures & Algorithms (DSA) Certification** — ApnaCollege (2025): Completed a comprehensive course covering arrays, linked lists, stacks, queues, trees, graphs, hashing, recursion, dynamic programming, greedy algorithms, sorting, searching, and advanced problem-solving techniques.
- **Full Stack Web Development Certification** — ApnaCollege (2026): Completed an industry-oriented Full Stack Web Development course with hands-on projects using HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, MongoDB, REST APIs, Git/GitHub, authentication, responsive web design, and full-stack application deployment.
- **Smart India Hackathon (SIH26132) Farmer Buyer** — (2026): Developed a MERN-based solution for strengthening market linkages and price discovery, connecting farmers and buyers through dynamic crop listings, offers, and order workflows.

Education

B.Tech. Computer Science and Engineering
Malla Reddy College of Engineering (Affiliated to JNTUH)

Graduated: 2027
CGPA: 7.1