Yaswanth Parvathala

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Professional Summary

Full-stack Web Developer with a strong foundation in React.js, Node.js, and cloud platforms like AWS. Proven success building real-time, scalable applications that enhance user experience and performance. Passionate about clean code, responsive design, and delivering impactful digital solutions.

Technical Skills

Frontend: React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, RESTful APIs, GraphQL
Database: MongoDB, Firebase, MySQL, Redis
DevOps & Cloud: AWS, Docker, Vercel, CI/CD, Git
Tools: GitHub, WebSockets, Postman, Cloudinary, VS Code

Project Experience

Real-Time Chat Application – GitHub

- Built a real-time messaging platform using React.js, Node.js, and WebSockets for 100+ users.
- Secured sessions with JWT and improved development efficiency by 30% using modular UI components.
- Implemented features for user presence and typing indicators.

Startup Pitch Platform – Live Demo

- Built with Next.js 15, React 19, Sanity, TailwindCSS, ShadCN, and TypeScript for modern performance and developer experience.
- Enabled secure GitHub-based authentication for seamless user onboarding.
- Integrated a real-time dynamic feed of startup ideas using Sanity's Content API.
- Implemented category-based filters and a powerful search to help users discover relevant pitches.

Redis Messaging Platform – GitHub

- Designed a sub-100ms chat system with Upstash Redis, Pusher, and Kinde Auth.
- Deployed serverless architecture and streamlined media handling via Cloudinary.
- Optimized data retrieval and storage using Redis key-value pairs.

Social Media Web App – GitHub

- Developed a mini-social network with live feeds, user authentication, and MongoDB.
- Reduced page load time by 40% with lazy loading and efficient pagination.
- Integrated image upload functionality and display.

Dropbox Clone (Dropzone) – Live Demo

- Replicated Dropbox functionality using Firebase and drag-and-drop file upload.
- Achieved 90+ Lighthouse scores in performance and accessibility.
- Designed a clear and intuitive user interface for file management.

Threads Clone -Github

- Built a full-stack clone of Meta's Threads app using Next.js, MongoDB, and Tailwind CSS.

- Enabled post creation, threaded replies, and user profile pages with dynamic routing.

- Integrated Clerk for authentication and optimized for mobile-first responsiveness.

- Implemented a follow system for connecting users and curating feeds.

Education

VIT-AP University – B.Tech in Computer Science Engineering
Dec 2021 – Present   CGPA: 8.77/10

Narayana Junior College, Nellore – MPC
Aug 2018 – Sep 2020   CGPA: 9.57/10

VBR E.M High School – SSC
Jun 2017 – Apr 2018   GPA: 10/10

Certifications

- AWS Certified Cloud Practitioner – Amazon, Feb 2024

- MERN Full Stack Developer – Ethnus, Sep 2023

- Data Structures & Algorithms – Great Learning, Apr 2023

- MySQL for Developers – Cognitive Class, Apr 2023

- Data Visualization with Python – Kaggle, Jul 2023

Relevant Coursework

Data Structures, Operating Systems, Database Management Systems (DBMS), Object-Oriented Programming (OOP), Discrete Mathematics, Probability & Statistics

Additional Highlights

- Delivered 6+ production-grade full-stack apps with real-time capabilities.

- Experienced in Agile workflows, Git-based collaboration, and CI/CD pipelines.

- Focused on web performance, accessibility, and scalable coding practices.