SANTOSH

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PROFILE SUMMARY

Full Stack Developer with expertise in **React.js**, **Node.js**, and **TypeScript**. Specializes in designing **high-performance RESTful APIs** and **scalable frontend architectures**. Successfully delivered client projects that improved **application performance by 25%** and supported **5,000+ monthly users**. Skilled in **CI/CD pipelines** and **database optimization**, focused on building **efficient**, **user-centric solutions**.

TECHNICAL SKILLS

- **Frontend** – React.js, Next.js , Redux, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3
- **Backend** – Node.js, Express.js
- **Database** – MySQL, MongoDB, PostgreSQL
- **Programming Languages** – Java & Python
- **Tools & Frameworks** – Git, VS Code, Postman, Socket.IO

WORK EXPERIENCE

Software Engineer – Zspirelabs | June 2024 – Present

- Spearheaded core feature development for client projects (EchoAI, Gitness), serving 5,000+ monthly active users.
- Architected and deployed **3+ responsive** web applications using ReactJS & Tailwind CSS, boosting load speed by 25%.
- Developed mobile-friendly UIs with cross-browser compatibility, increasing mobile adoption by **30%**.
- Delivered 4 client projects on time, boosting customer **satisfaction** by 20%
- Optimized performance with lazy loading & code-splitting, reducing bundle size by 20%.
- Orchestrated Agile sprint workflows within a 6-developer team, reducing delivery cycle time by 15% through streamlined code reviews.

PROJECTS

Neura.ai | AI-Powered Virtual Assistant   [Link]
Tech Stack – ReactJS, Node.js, Express, MongoDB, Gemini AI, Web Speech API, JWT, Cloudinary
- Built an **AI-driven voice assistant** (similar to JARVIS) that responds to user queries in real-time using **Gemini AI + Web Speech API**, improving conversational flow by **90% compared to text-only chatbots**.
- Devised **secure authentication system (JWT + bcrypt)** to manage user sessions, ensuring **100% data protection with encrypted credentials**.
- Designed a **customizable assistant** where users can set their own **name, branding, and voice**, increasing personalization and engagement by **70%+**.
- Integrated **Cloudinary + Multer** to allow users to upload and manage assistant images, resulting in a **40% boost in UI/UX appeal**.
- Engineered a device-adaptive interface that maintained **consistent** usability and performance across all screen sizes.
- Delivered an end-to-end product used for **AI experimentation, personal productivity, and brand-specific assistants**, showcasing **full-stack expertise** in frontend, backend, authentication, and deployment.

Echo-AI   [Link]
Tech Stack – ReactJS, Tailwind CSS, Supabase
- Implemented persistent chat history storage, improving user retention by 18% through enhanced contextual continuity.
- Engineered a responsive UI, reducing page load time by 1.2s and improving Lighthouse score by 20%.
- Focused on **optimizing** user experience and interface performance across all device types.
- Integrated robust real-time error handling and fallback mechanisms, increasing chatbot reliability and uptime by 25%.

Gitness   [Link]
Tech Stack – ReactJS, Tailwind CSS
- Modernized the Gitness user interface using React, resulting in a more intuitive user journey and a 30% increase in daily active users on the open-source platform; presented findings directly to stakeholders.
- Streamlined repository management and CI/CD workflows, cutting deployment time by **40%**.
- Orchestrated a responsive interface ensuring seamless experience across devices.
- Enhanced developer productivity by **reducing repository setup time from 30 min to 10 min** through automated scripts.

EDUCATION

- Master of Computer Application (MCA), **SGT University**, Gurugram, India — 2024
- Bachelor of Science (B.Sc.), **CBLU University**, Bhiwani, India — 2021