NAGA PRABHU N

FULL STACK DEVELOPER

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SKILL SUMMARY

- **Languages:** Java, JavaScript, Python, C/C++
- **Frameworks:** Node.js, React.js, Redux Toolkit, Tailwind CSS, Bootstrap, Material UI
- **Tools:** PostgreSQL, MySQL, FireStore, PostMan, GitHub
- **Platforms:** Visual Studio Code, Intellij IDEA, Pycharm, Android Studio

INTERNSHIP EXPERIENCE

Creative Ventures, Chennai   March 2025 - October 2025

- Built Cricklytics, a cricket tournament management app, using React and Firebase with features for match scheduling, player stats, and real-time scoring.
- Developed a social feed page with posts, stories, and live updates; integrated social features such as likes, comments, and shares using Firestore.
- Implemented a real-time one-to-one messaging system with notifications and data persistence using Firebase Cloud Firestore and Authentication.
- Integrated Firebase services for authentication, data storage, and cloud functions, including dynamic audio generation on user updates.
- Designed interactive UI components including modals, video players, undo actions, and social engagement elements.
- Deployed and hosted the web app on Firebase Hosting, configuring it as a Progressive Web App (PWA) for mobile accessibility and seamless performance.
- Resolved deployment challenges: 401 authentication errors, Firebase region mismatches, and PWA setup.
- Improved app performance with state management, asynchronous data fetching, and Firestore error handling for high-traffic features.
- Created an AI chat interface with React, Firebase, and Google Gemini AI; added voice-enabled interaction using the Speech Synthesis API and Firebase-hosted audio.

NammaCart Solutions Private Limited, Pallavaram   March 2024 - April 2024

- Contributed to the development of an e-commerce web application using React, focusing on creating responsive and user-friendly frontend components for mobile and desktop interfaces.
- Designed and implemented key UI elements, including the homepage layout, product listings, and navigation menus, ensuring seamless integration with REST APIs for dynamic content loading and improved user experience.
- Participated in code reviews, debugging, and optimization tasks, enhancing application accessibility and reducing load times through techniques like lazy loading and state management with React hooks.
- Gained hands-on experience in building modular components and maintaining clean, maintainable code, supporting the overall project under direct supervision and contributing to timely feature deliveries.

PROJECTS

Cricklytics Sports Website (Internship) ↗
Contributed to a full-stack sports tournament management platform as an intern, handling backend development with Firebase for real-time data storage and authentication, while building responsive frontend interfaces in React.js to support features like match scheduling and user profiles.

Sign Language Interpreter for Hearing Impaired ↗
Built a Python desktop app converting live speech to sign visuals using Tkinter, SpeechRecognition, and Pillow, with noise calibration and exit-phrase handling. Displays alphabet images sequentially from a configurable assets directory. Designed an extensible architecture with customizable sets, timing, themes, and documented setup for cross-platform use.

Ai Interview Assistant ↗
Built a full-stack interview assistant using React (Vite), Redux Toolkit, Tailwind, and shadcn UI, featuring a timed chat-based interview flow with persistent sessions. Integrated Gemini AI to generate role-specific questions and evaluate answers into scores, summaries, and hire/reject decisions. Implemented race-condition-safe timers and instant answer saving for consistent progression. Delivered a secure interviewer dashboard with resume parsing, searchable results, and a responsive, mobile-friendly layout.

EDUCATION

B.E. Computer Science and Engineering   2021 - 2025

Vels Institute of Science, Technology & Advanced Studies (VISTAS), Chennai