

KEERTHIVASAN KARUNANITHI

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OBJECTIVE

Full Stack Developer with 4+ years of enterprise application experience at Accenture, specializing in React.js for frontend development and REST API integration. Proven ability to debug and resolve complex production issues across both UI and backend systems at scale. Brings strong cross-functional collaboration skills and a production-first mindset to full stack development.

SKILLS

Frontend (Strong): React.js, Next.js, JavaScript, HTML5, CSS3, Bootstrap, React Native, Expo

Backend (Familiar): Node.js (REST API development), Java, Python

Databases: SQL, MySQL, MongoDB (NoSQL), Prisma ORM

Version Control & Collaboration: Git, Code Reviews, Cross-functional team collaboration

Cloud & Deployment: PCF, Azure Red Hat OpenShift (ARO); familiar with CI/CD concepts

Monitoring & Debugging: Dynatrace, Kibana, Production log analysis

EXPERIENCE

Accenture India Private Ltd.

Jan 2022 – Present

Custom Software Engineering Analyst (Application Support & Full Stack Development) | Chennai, India

- **Frontend Development:** Built an internal automation dashboard using HTML, CSS, and JavaScript with dynamic DOM manipulation, enabling real-time visualization of automation workflows across the team
 - **REST API Debugging & Integration:** Diagnosed and resolved a critical API URL encoding bug causing 404 errors and silent data update failures in a production application, collaborating with the dev team to ship a permanent fix
 - **Backend Automation:** Built 9 health check automation scripts in Python that saved the team **130 hours per month**; integrated scripts with a frontend dashboard for end-to-end execution and monitoring
 - **Database Management:** Wrote optimized SQL queries for data validation, root cause analysis, and resolving production data inconsistency issues across enterprise applications
 - **Code Reviews & Collaboration:** Participated in cross-functional code reviews with development teams; collaborated on permanent fixes and enhancements to improve application stability
 - **Production Scale:** Provided L2/L3 support for 10 enterprise applications — 2 customer-facing and 3 critical internal client systems — maintaining 99.9% uptime across all platforms
 - **Proactive Monitoring:** Proactively detected and resolved issues before business hours using Dynatrace and Kibana log analysis across 13 cloud-deployed applications on PCF and Azure ARO
 - **Incident Management:** Managed 100+ monthly incidents including 20+ complex production issues; produced 108+ knowledge documents including 3 SOPs and 100 issue resolution records, accelerating team onboarding
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PROJECTS

Chatzz – Full Stack Real-Time Chat App chatzz.kkvasan.in

Tech Stack: Next.js, React.js, Prisma ORM, Pusher (WebSocket), NextAuth.js, MySQL

- Sole developer of a full stack real-time chat application — frontend (React.js), backend API routes (Next.js), database schema (Prisma ORM), authentication (NextAuth.js), and production deployment
- Designed and implemented RESTful API routes for user management and message handling; integrated Pusher WebSocket for low-latency real-time message delivery
- Built reusable, modular React components with responsive UI design across all device sizes

HAVK – Social Media Web App havk-app.firebaseio.com

Tech Stack: React.js, Firebase Realtime Database (NoSQL), Firebase Authentication, Firebase Hosting

- Built a full-featured social media platform with post creation, image uploads, comments, and live content updates using Firebase Realtime Database (NoSQL)
- Implemented user authentication, managed React application state for efficient UI updates, and deployed via Firebase Hosting

Mobile Applications

Tech Stack: React Native, Expo

- Developed 3 cross-platform mobile applications integrating external REST APIs, implementing navigation, and designing responsive layouts across multiple screen sizes

INTERNSHIP

Skill Software Inc.

Mar 2021 – Jul 2021

Software Intern – IT & Software Department

- Built REST APIs using Node.js as part of MEAN Stack development; contributed frontend UI modules including a pricing page and an interview scheduling interface
- Worked with MongoDB for data storage and assisted in building and testing web application modules

EDUCATION

Perunthalaivar Kamarajar Institute of Engineering and Technology (PKIET) 2017 – 2021

Bachelor of Technology – Electronics and Communication Engineering, Pondicherry University