

KEERTHIVASAN KARUNANITHI

Portfolio: kkvasan.in

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OBJECTIVE

Software professional with 4+ years of experience in Java-based production support, transitioning to a Web Developer role. Hands-on experience in building responsive and scalable web applications using React.js and Next.js, with strong skills in JavaScript, HTML, CSS, debugging, and performance optimization. Seeking to contribute modern frontend development expertise and problem-solving skills to a dynamic development team.

EDUCATION

Bachelor of Technology – Electronics and Communication Engineering,

Perunthalaivar Kamarajar Institute of Engineering and Technology (PKIET), Pondicherry University 2017 - 2021

CGPA: 7.25

SKILLS

| | |
|---------------------|---|
| Frontend & Web | HTML, CSS, JavaScript, React.js, Next.js, Bootstrap |
| Mobile Development | React Native, Expo |
| Backend & Databases | Java, Python, SQL, MySQL, MongoDB, Prisma |
| Cloud & DevOps | PCF, Azure Red Hat OpenShift (ARO) |
| Monitoring & Tools | Dynatrace, Kibana |
| Others | Git, REST APIs, Automation Scripting |

EXPERIENCE

Custom Software Engineering Analyst

Accenture India Private Ltd.

Jan 2022 - Present

Chennai, India

Frontend Development Experience

- Developed an internal automation dashboard using HTML, CSS, and JavaScript to trigger backend Python automation scripts and display execution logs dynamically on the UI.
- Built interactive UI components and implemented dynamic log rendering using JavaScript DOM manipulation.
- Designed responsive layouts to improve usability and visibility of automation workflows.
- Collaborated with backend automation scripts written in Python to integrate frontend triggers with backend execution.

Application Support & Engineering

- Investigated and resolved complex production issues by analyzing application logs, performance metrics, and system behavior, leading to a reduction in recurring incidents.
- Implemented permanent fixes and enhancements in collaboration with development teams, improving application stability and end-user experience.
- Delivered L2/L3 production support for enterprise Java applications, maintaining 99.9%+ application availability and meeting SLA targets in a 24/7 support environment.
- Designed and developed Python automation scripts to eliminate repetitive operational tasks, resulting in reduced manual effort and faster incident response times.

- Utilized Dynatrace and Kibana for real-time application monitoring, performance analysis, and proactive issue detection. Supported applications hosted on cloud platforms including Pivotal Cloud Foundry (PCF) and Azure Red Hat OpenShift (ARO), gaining exposure to cloud-native architectures.
- Wrote and optimized SQL queries for data validation, reporting, and issue analysis.
- Created documentation for production issues, resolutions, and preventive measures, improving team knowledge sharing and operational efficiency.

WEB AND MOBILE DEVELOPMENT PROJECTS

Chatzz - Chat App:

Tech Stack: Next.js, React, Prisma, Pusher, NextAuth.js

Live Demo: chatzz.kkvasan.in

Github: github.com/smartkeerthi/chatzz

- Designed and built a real-time one-to-one chat platform with responsive UI using React component-based architecture
- Implemented secure authentication and session management using NextAuth.js.
- Integrated Prisma ORM for efficient database access and structured schema management.
- Enabled instant message delivery and real-time updates using Pusher WebSocket events.
- Built reusable UI components and optimized rendering for improved user experience across devices.

HAVK – Social Media Web App:

Tech Stack: React.js, Firebase

Live Demo: havk-app.firebaseio.com

- Developed a social media web application enabling users to upload images, create posts, and interact through comments.
- Implemented user authentication and authorization using Firebase Authentication.
- Integrated Firebase Realtime Database to enable live content updates without page refresh.
- Built reusable React components and managed application state for efficient UI updates.
- Deployed the application using Firebase Hosting with optimized static asset delivery.

Mobile Applications:

Tech Stack: Expo, React Native

Github: github.com/smartkeerthi/FamousPlacesApp

Github: github.com/smartkeerthi/BloggieBlogsExpoApp

Github: github.com/smartkeerthi/WallpaperApp

- Developed cross-platform mobile applications using React Native and Expo.
- Implemented reusable components and modular architecture for scalable mobile development.
- Integrated external APIs and implemented navigation for seamless user interaction.
- Designed responsive UI layouts to support multiple screen sizes and device types.

INTERNSHIP

Software Intern – IT & Software Department
Skill Software Inc.

Mar 2021 – Jul 2021

- Worked on development and research using MEAN Stack, Python, and MongoDB.
- Assisted in building and testing web application modules.

ADDITIONAL INFORMATION

- Strong analytical and debugging skills with hands-on experience diagnosing issues in enterprise web applications and improving application reliability.
- Experience understanding application flows, analyzing logs, and troubleshooting UI and backend integration issues.
- Hands-on knowledge of JavaScript, React.js, HTML5, and CSS3 for building responsive and interactive web applications.
- Familiar with component-based architecture, REST API integration, and modern frontend development practices.
- Passionate about building scalable and user-friendly web applications using React.js, Next.js, and modern frontend frameworks.