

SATHEESHKUMAR M

Software Developer

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📍 Bangalore – India

in [LinkedIn](#)

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EXPERIENCE

Software Developer

Stanch Solutions Private Limited

📅 Jun 2023 – Present

📍 Bangalore, India

- Developed custom solutions using the Frappe Framework and ERPNext.
- Contributed to the Stanch web application through React frontend development, custom API integrations, and backend scripting.
- Integrated Greythr and Hikvision with the Stanch application, automating key HR processes and streamlining data flow.
- Developed and executed load testing scripts using Locust to ensure application stability and scalability
- Currently developing and maintaining key features for the Stanch web application's React frontend, focusing on user experience and performance.

EDUCATION

Bachelor of Engineering (ECE)

VV College of Engineering

📅 2018 — 2022 📍 Tirunelveli, TamilNadu.

ACHIEVEMENTS

- Developed and deployed 5+ custom applications using the Frappe framework.
- Identified and resolved a critical performance bottleneck in the application's database queries, It improvement in page load times and enhancing user experience.
- Successfully integrated the Greythr HR platform with the company's core systems, automating critical HR processes such as employee onboarding, payroll, and leave management. This integration eliminated 50% of manual data entry, significantly improved data accuracy.
- Led a team of 4 developers in the successful development of a Progressive Web App (PWA) for [Stanch App].
- Developing highly responsive and user-friendly front-end interfaces using React for [Stanch Custom App Development].

TECHNICAL SKILLS

- **Programming Languages:** Python, HTML, CSS, JavaScript, Jinja, MySQL, ReactJS
- **Framework:** Frappe
- **Additional:** ERPNext, REST APIs, Server Deployment
- **Version Control:** Git, GitHub
- **Cloud Platforms:** AWS
- **IDEs:** VS Code, Locust
- **Operating System:** Linux, Windows

PROJECTS

Custom App Development in Frappe & ERPNext

- Python | JS | HTML | CSS | Jinja | Bootstrap | MySQL
- Developed and deployed 4+ custom applications within the Frappe/ERPNext ecosystem, addressing specific business needs.
- Integrated custom applications seamlessly with existing ERPNext functionalities, ensuring data consistency and streamlined workflows.

Progressive Web Application(PWA)

- Python | HTML | CSS | JavaScript
- Spearheaded the implementation for the Stanch PWA App, enhancing accessibility and user experience.
- Optimized the application's front-end performance using React and best practices for PWA development and, improve the page loading speed.

Greythr Integration

- Python | Greythr API | REST API
- Integrated the Greythr HR platform with the Stanch app, automating employee onboarding, attendance tracking, and leave management.
- Developed a secure and reliable integration between Greythr and the Stanch app using Greythr APIs, enabling seamless data synchronization between the two platforms.

Hikvision Biometric Integration

- Python | Hikvision APIs | REST API
- Integrated Hikvision biometric devices with the company's attendance management system, automating employee time tracking and eliminating manual data entry.
- Developed a real-time attendance tracking system. It improved payroll accuracy by automating data.

Stanch App Load Testing Automation

- Python | REST API | Locust | Redis
- Developed and implemented a load testing script using the Locust framework to simulate realistic user behavior on a production server.
- The script automated key user actions, including all HRMS activities (employee creation, payroll, etc.), sales invoice generation, and purchase invoice creation, providing valuable insights into system performance and scalability.

Custom Front-end Development

- Currently contributing to the development of the Stanch web application's React frontend.
- Integrating custom API methods to enhance user experience and building dynamic, responsive web pages.