

Sethuraman M

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📍 Hyderabad, IN

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Professional Summary

Full-Stack Developer with 3 years of experience in building scalable and responsive web applications using ReactJS, NextJS, JavaScript, Node.js, and Python. Proficient in developing clean, maintainable front-end interfaces and robust backend services with RESTful APIs. Skilled in CSS/SCSS, database integration, and agile workflows. Experienced with Azure DevOps for CI/CD pipelines, version control, and collaborative development.

Work Experience

Software Engineer, Nova Prime Solutions

2023 – present | Hyderabad, IN

- Contributed to the full development lifecycle of **Etailkart**, a reliable and scalable e-commerce platform enabling small businesses to launch and manage online stores across web and mobile platforms.
- Built responsive, accessible UI components using **React.js**, **Next.js**, **Typescript**, **MUI** and **SCSS** with **SSR (Server-Side Rendering)** support for faster initial loads and improved SEO, ensuring consistent performance across devices.
- Developed and maintained **React Native applications** for both the customer-facing e-commerce app and a partner app used by vendors to manage products, orders, invoices, and storefronts.
- Worked on **integration of key services** including: Stripe payments, Google Maps API, Firebase Authentication, OneSignal notifications, Azure Blob Storage, REST APIs for communication between frontend and backend systems.
- Designed and deployed a **Python-based backend service** using AI image models and ML strategies for **background removal** and **image enhancement**, enhancing product images in the partner app.
- Regularly performed **code refactoring**, **CSS improvements**, and **UI optimizations** to maintain code quality and user experience and worked in an agile environment, coordinating with design, QA, and DevOps teams to deliver and maintain features and ensuring seamless full-stack integrations.
- Managed CI/CD pipelines, deployments, and environment configs using **Azure DevOps**, and used tools like **Git** and **Postman** for development and testing workflows.

Software Engineer Intern, Toast, Inc.

2022 – 2023 | Chennai, IN

- Gained hands-on experience in **C#**, **ASP.NET**, **MVC**, and **.NET Framework**, contributing to internal web applications focused on employee and access management. Built features involving **CRUD operations**, user role assignments, and **authentication**, while strengthening understanding of **RESTful** services and database integration.
- Later joined the xtraCHEF Red Flags team, focusing on identifying, analyzing, and resolving production bugs within a large-scale web application.
- Enhanced proficiency in **debugging tools**, version control, and agile development workflows in a real-world enterprise environment.

Technical Skills

Frontend:

React JS, Next JS, Javascript, Typescript, React Native, SASS, CSS, MUI

Backend:

Node.js, Express, C#, Python (for backend AI model integrations), Pimcore, REST Api, GraphQL

DevOps & Tools:

Azure DevOps, Git, Github, Postman, VS code, Azure Portal

Database:

SQL, RDBMS, Azure Storage

Education

Bachelor Of Engineering, Computer Science and Engineering

2019 – 2023

Sri Sai Ram Institute Of Technology, Chennai, IN

CGPA: **8.98**

Languages

- English
- Hindi
- Tamil

Projects

Etailkart E-commerce Application

A scalable e-commerce platform enabling small businesses to launch online stores with instant deployment provided with premium features at lowest cost, built responsively with smooth navigation and optimized storefront performance, developed with Next JS, React, MUI, Node.js.

- Implemented secure payment processing, address validation, and real-time shipping features for end-to-end transaction flow, seamless push notifications, and mainly user authentication, with powerful integrations like Stripe, Firebase, OneSignal Google Maps SDK.
- Created a dedicated partner app for vendors to manage products, orders, invoices, and storefronts via mobile and contributed to backend services and media handling, including product image uploads, enhancement, and background cleanup using Python AI tools.
- Focused on clean UI architecture, code maintainability, and cross-platform performance across web and mobile.

Xtrachef Red Flags

An internal initiative to eliminate critical bugs in a large-scale enterprise web application used for restaurant and vendor management.

- Analyzed and debugged defects in the XtraChef POS application, applying technical expertise to implement timely and effective resolutions.
- Executed code refactoring to enhance application architecture, resulting in increased stability and performance efficiency.

Employee Management System

A full-stack web application developed to manage employee records, roles, payroll, and access levels. Built with C#, ASP.NET, MVC, SQL, REST APIs, React.js, CSS.

- Key features included employee onboarding, role-based authentication, payroll management, attendance tracking, and full CRUD operations.
- Emphasized clean architecture, secure data handling, and seamless API integration between the backend and frontend layers for efficient and scalable performance.


Virtual Game Controller - Windows, using AI head pose estimation

- Developed with Python making use of ML libraries and AI facial point recognitions to detect player's head direction in real-time and mapping it as in-game controls.
- Developed a game using Unity (C#) to adapt to the standalone virtual controller.
- Improved the experience of playing a game without modern controller.

Head Direction tracker, with Python ML

- A real-time head tracker application built with Python ML libraries and NumPy for detecting the direction where a user looks.

Certificates

- github.com/itsmesethu/Certificates 

Portfolio

- sethuraman.vercel.app 