

MANOJ KUMAR REDDY POLLAGARI

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OBJECTIVE

Passionate software engineer with 13+ years of experience in the IT industry, specializing in building scalable web applications using modern technologies.

Seeking a challenging role at your organization to leverage my expertise in full-stack development and contribute to building innovative products that impact millions of users globally.

EXPERIENCE

Freelance Staff Engineer

Self Employed / Freelance

Sep 2021 - Present

Bengaluru, India

- Led the development of key modules in Sensei Cloud, implementing advanced state management and component optimization techniques in React to achieve significant performance improvements. This resulted in a faster load time and error-free performance across the platform, enhancing overall system reliability and user satisfaction.
- Developed an interactive reading challenge game for kids, integrating speech recognition technology and using AI, which enabled performance comparison and differential analysis of children's reading, enhancing engagement and learning outcomes.
- Achieved a professional online presence for GigSky using Webflow, implementing dynamic features such as country-based search, multilingual support, and multi-currency options, resulting in significant improvements in user experience and engagement.

Staff Engineer

GigSky

Mar 2018 - Aug 2021

Bengaluru, India

- Led the design and development of reusable components, optimizing module onboarding efficiency by 50% across internal applications.
- Achieved a scalable and maintainable frontend application for the RSM platform using Angular, implementing robust state management to enhance responsiveness to data updates and improve performance.
- Developed a seamless migration plan to transition internal apps from AngularJS to ReactJS, integrating new features without downtime while ensuring bug-free operation of existing functionalities.

Technical Lead

HealthAsyst

Jan 2015 - Feb 2018

Bengaluru, India

- Led the design and development of a digital form management service for healthcare practices, transforming paper forms into interactive digital experiences. Developed a complex PDF mapping tool with iTextSharp and PDF.js, enabling context-based generation and efficient pre-filling of fields.
- Played a key role in developing critical modules for the Allscripts Sunrise Mobile MD application using Xamarin for iOS and Android, ensuring reliable access to patient information and essential clinical workflows. Enhanced the Android app by integrating MC40 barcode scanner functionality to improve data capture accuracy.

Technical Lead

Mindtree

Aug 2011 - Dec 2015

Bengaluru, India

- Processed and configured data while providing onsite support during UAT and Post Go-Live for the South Africa rollout, leading to a 98% success rate in the initial user acceptance testing.
- As an interim lead, I streamlined release and deployment processes across QA, SIT, UAT, Pre-Prod, and Prod environments, ensuring timely and efficient rollouts.
- Implementation dashboard widgets using JavaScript and jQuery, enhancing user interaction and improving data visualization efficiency.

PROJECTS

Kriyakrama. Building an all-in-one tool designed to streamline daily productivity with a comprehensive action list, reminder system, and daily planner app, enabling users to efficiently manage tasks, set reminders, and plan their day seamlessly. ([Try it here](#))

Vishaya AI. An AI tool to generate comprehensive courses with AI-crafted content structure and multi-language audio lessons. ([Try it here](#))

AI Image Translator. Another AI tool that detects and translates text in images, preserving the original layout and style. ([Try it here](#))

TECHNICAL SKILLS

Languages	HTML, CSS, JavaScript, TypeScript, SQL, NoSQL, GraphQL, C#
Databases	PostgreSQL, Microsoft SQL Server, MySQL, MongoDB
Frameworks/Libraries	AngularJS, Angular, ReactJS, VueJS, NodeJS, ExpressJS
CSS Frameworks	Bootstrap, Tailwind
State Management	NgRx, Redux, MobX Zustand
Testing Libraries	Jest, Playwright, Cypress
Version Control	SVN, TFS, Git
Concepts	OOPS, REST
Others	Data structures and algorithms, System Design

EDUCATION

JSS Academy of Technical Education, Visvesvaraya Technological University
Bachelors of Engineering in Electronics and Communication

Aug 2007 - July 2011
Karnataka, India