Rajkumar Ponnusamy

Senior Software Engineer

📞 +91 82204 33899

✉ rajkumar.ponnusamy6095@gmail.com

in linkedin.com/in/rajkumar-ponnusamy-414198146

🚀 OBJECTIVE

To build a distinguished career as a front-end developer with a specialization in Angular, while progressively expanding my capabilities in backend development. I aim to contribute to the development of high-performance, scalable, and user-centric web applications within an innovation-driven organization. With a strong focus on software architecture and user experience, I aspire to grow into leadership roles where I can mentor teams, lead technical initiatives, and drive the evolution of full-stack solutions.

🪪 PROFESSIONAL SUMMARY

As an experienced Full Stack Developer with a strong focus on front-end technologies, I specialize in building scalable, high-performance web and hybrid mobile applications. I bring over **8 years** of hands-on experience working in fast-paced, Agile environments, primarily in the financial services and healthcare industries.

I am proficient in developing and maintaining responsive, enterprise-grade applications, leveraging **Angular, JavaScript (ES6), and CSS3** to enhance the user experience. My expertise includes managing end-to-end CI/CD pipelines using **Jenkins, GitHub, and UDeploy** ensuring smooth and reliable deployments. Additionally, I have experience in containerization using **Docker and Kubernetes** which helps ensure scalability and consistency across environments.

Throughout my career, I have focused on optimizing user interfaces, ensuring seamless experiences across devices and platforms, while maintaining a modular and maintainable codebase. I'm passionate about Agile practices, actively participating in sprints, code reviews, and knowledge-sharing sessions.

I've also had the privilege of mentoring junior developers, contributing to a positive and growth-oriented team culture. With a background spanning across UI development, backend integration, and cloud infrastructure, I thrive in dynamic, collaborative environments where innovation and problem-solving are key to success. Whether it's optimizing performance, introducing cutting-edge technologies, or ensuring timely upgrades, I'm always looking for ways to improve the development process and deliver top-tier solutions.

💼 WORK EXPERIENCE

Citicorp services India private Limited 11/2022 – present
Officer (C11) Chennai

Indium Software 01/2021 – 11/2022
Senior Software Engineer Chennai

Wekancode Technologies 02/2020 – 10/2020
Software Engineer Chennai

Ideaplunge Solutions 02/2019 – 01/2020
Software Engineer Chennai

AigilxHealth Technologies 05/2017 – 01/2019
Software Engineer Chennai

🎓 EDUCATION

B.Tech (Information Technology)   07/2013 – 04/2017
Madras Institute of Technology, Anna University   Chennai, Tamilnadu

🧠 SKILLS

Frontend   ● ● ● ● ○
- Angular
- HTML
- CSS
- Javascript / Typescript
- WebSocket

UI Frameworks   ● ● ● ● ○
- Angular Material
- Bootstrap
- Ionic5
- Ant Design
- Semantic UI

Testing Frameworks
- Karma & Jasmine
- Cypress

Backend   ● ● ● ○ ○
- Nodejs

Database
- MongoDB

Devops   ● ● ○ ○ ○
Jenkins
Docker
Kubernetes
Udeploy

📁 ROLES AND RESPONSIBILITIES

- **Frontend Development:** Designed, developed, and maintained responsive and scalable user interfaces using Angular, HTML, CSS, and JavaScript/TypeScript across multiple projects.

- **CI/CD and DevOps:** Implemented and optimized CI/CD pipelines with tools like Jenkins, GitHub, Artifactory, and UDeploy for automated and reliable deployments.

- **Containerization and Orchestration:** Containerized applications using Docker and managed orchestration with Kubernetes to support scalable deployments.

- **Testing and Quality Assurance:** Conducted unit and integration testing using Karma and Jasmine to ensure high-quality, stable user interfaces.

- **Agile Collaboration:** Worked closely with cross-functional teams in Agile environments, participating in daily stand-ups, sprint planning, and retrospectives.

- **Mentoring and Code Reviews:** Mentored junior developers, conducted code reviews, and promoted coding standards and best practices.

- **Backend Integration:** Integrated backend services using Node.js and databases like PostgreSQL and MongoDB, improving overall system performance.

- **Performance Optimization:** Improved application performance through strategies like lazy loading, modular design, and rendering optimization.

- **Project and Task Management:** Used JIRA for task tracking, sprint planning, and ensuring timely delivery of features.

- **Support and Maintenance:** Provided production support, analyzed logs, resolved issues, and upgraded dependencies like Angular and TypeScript to maintain compatibility and leverage new features.

📁 PROJECTS

Pulse
(Angular 18, HTML, CSS, Typescript, Javascript)

Citi Pulse is an advanced market intelligence and analytics platform developed by Citigroup to provide institutional clients with personalized, data-driven insights. The application is designed to deliver curated content, including research highlights, market trends, economic updates, and investment themes, all tailored to a client's specific interests and portfolio exposures.

Built with a modern, responsive interface, Citi Pulse combines proprietary analytics with Citi's global research to help clients stay ahead of market movements. The platform leverages machine learning and data science to surface relevant insights from a vast library of reports, charts, and news sources. Users can create custom watchlists, receive notifications on key developments, and explore thematic content across asset classes such as equities, FX, rates, and commodities.

Citi Pulse enhances client engagement by acting as a digital extension of Citi's research and sales teams. It provides an interactive experience where users can access deep analytics, export reports, and schedule briefings with Citi experts. Integration with other Citi platforms like Citi Velocity ensures a seamless workflow from insight discovery to execution.

With a strong emphasis on personalization, speed, and accessibility, Citi Pulse empowers institutional clients to make informed decisions in a dynamic market environment.

Velocity
(Angular 18, HTML, CSS, Typescript, Javascript)

Citi Velocity is a proprietary platform developed by Citigroup, designed to provide institutional clients with real-time access to markets, research, and trading tools across multiple asset classes. It serves as a comprehensive digital hub for clients to view analytics, make data-driven investment decisions, and execute trades with precision and speed.

The application offers insights into foreign exchange, interest rates, credit, commodities, and equity markets. With its intuitive user interface, Citi Velocity allows users to access live market data, interactive charts, and economic research published by Citi's global analysts. Advanced analytics and customizable dashboards empower traders and portfolio managers to monitor market movements and trends in real-time.

Citi Velocity supports electronic trading, giving clients access to liquidity and pricing with low latency. The platform integrates robust risk management and compliance features, ensuring secure and efficient transactions.

Built with high-performance technologies and a focus on scalability and reliability, Citi Velocity is accessible via web and mobile, enabling clients to stay connected on the go. It stands out as a powerful solution in the competitive financial technology space, reflecting Citi's commitment to innovation and client service. The application plays a critical role in the daily operations of many institutional investors worldwide.

Talent Maximus Info - Employee Self Support
(Angular 11, Ionic 5)

The **Employee Self-Support(ESS)** Application is a user-friendly platform designed to streamline and manage daily work-related activities for employees. It empowers users to take control of their workday by enabling them to conveniently mark their attendance through the application.

In addition to attendance tracking, the app provides easy access to essential payroll information, including downloadable salary payslips, detailed breakdowns of Cost to Company (CTC), and tax deductions. By offering a centralized hub for managing personal employment data, the application reduces the need for manual HR interventions and enhances transparency in employee-employer communication.

Employees can independently review and verify their compensation details, helping them stay informed about their earnings and tax obligations. The intuitive interface ensures that users can navigate and utilize the system with ease, improving overall efficiency and satisfaction in workplace operations. Ultimately, the Employee Self-Support Application fosters a more organized, transparent, and empowered work environment.

Learning Management System
(Angular12, Angular Material)

The primary goal of a **Learning Management System (LMS)** is to enhance users' technical skills through structured, accessible, and trackable online learning. Users are assigned a set of courses—potentially multiple at a time—each with a defined due date.

They are expected to complete the learning material within the given timeframe and subsequently take an assessment to demonstrate their understanding. Upon successfully passing the test, users are awarded a certificate of completion, which serves as formal recognition of their achievement.

This process not only helps individuals strengthen their professional capabilities but also enables administrators to monitor and evaluate progress effectively. With built-in tracking features, the LMS provides clear insights into each user's course completion status, test performance, and certification history.

This system supports continuous learning and development while promoting accountability and goal setting among users. It is an efficient solution for organizations seeking to upskill their workforce and maintain a culture of ongoing learning.

ADWAP
(Angular 9, NodeJs, MongoDB)

The **Adwap** platform is a unique and impactful solution that allows users to support charitable causes simply by watching advertisements. Rooted in the concept of "advertising with a purpose," Adwap bridges the gap between advertisers and social good. Advertisers can upload video ads and organize campaigns by selecting specific ads for each initiative. Once a campaign is launched, users can watch the assigned ads, and upon completion, they are given the opportunity to contribute the ad-generated revenue to a charity of their choice. The platform also features a robust admin panel where administrators can manage the list of registered charities, active campaigns, and advertisers.

In addition, admins can access valuable analytics, including demographic insights such as the number of male and female users, total user count, total videos viewed, and the percentage of contributions made to each charity. This data is visually represented through intuitive charts, offering a clear view of platform impact and engagement.

SINAPSIS
(Angular 9, NodeJs, MongoDB)

The **Sinapsis** Doctor Portal is a dedicated platform that enables doctors to seamlessly conduct consultations booked by patients through the Sinapsis mobile app. It provides healthcare professionals with comprehensive access to each patient's medical records, including past visit history, medical conditions, previous and current medications, and attached media files such as lab reports or diagnostic images.

During consultations, doctors can also view and document current visit details, allowing for accurate and informed medical assessments. Based on the chief complaint entered by the patient during the booking process, the system intelligently routes the consultation to the appropriate specialist, ensuring efficient queue management and timely care.

Complementing this is the Sinapsis Admin Portal, which empowers administrators to manage the entire healthcare ecosystem—including providers, patients, doctors, and consultations—through a centralized interface. Additionally, the Sinapsis Provider Portal is designed for provider-level users to manage service subscriptions, making it easier to oversee and optimize their engagement with the Sinapsis platform.

SHIMADZU CMS
(Angular 7, NodeJs, MongoDB)

Shimadzu CMS is a robust administrative panel application designed to manage and organize a wide range of Shimadzu products, including articles, media assets, collateral, environmental analysis reports, and mycotoxin data. The system offers a role-based access control mechanism, ensuring that users can only access content relevant to their responsibilities and permissions. Products within the CMS are distributed across seven distinct global regions, with each region comprising multiple organizations.

Furthermore, each organization can include several sub-organizations, along with both admin and application-level users. The CMS enables admin users to efficiently assign products to specific regions, organizations, and individual users, ensuring precise control over content distribution. This hierarchical structure allows for scalable content management and streamlined collaboration across a diverse user base.

With its user-friendly interface and powerful permissions system, Shimadzu CMS plays a critical role in maintaining data integrity, improving operational efficiency, and supporting global content accessibility across the enterprise.

MOBOTIX TOOLBOX and CMS
(Angular 7, NodeJs, MongoDB)

The MOBOTIX Toolbox provides partners with a comprehensive suite of customizable marketing materials designed to support and enhance their sales efforts. This powerful resource includes professionally developed brochures, industry-specific vertical flyers, promotional videos, detailed case studies, and a dynamic Presentation Maker to help tailor messaging for different audiences.

Additional tools such as co-branding templates, multilingual content support, a direct contact system, and seamless partner registration further empower users to market MOBOTIX solutions effectively in diverse regions and markets. By leveraging these resources, partners can present MOBOTIX's innovative, industry-leading security and surveillance solutions with greater confidence and professionalism.

The Toolbox not only helps boost brand visibility but also allows partners to streamline their marketing processes, reduce advertising expenses, and ultimately increase sales revenue. It is an essential platform for maximizing the success of MOBOTIX partners, offering both flexibility and scalability to meet evolving business needs in a competitive market.

Health Information Exchange
(Angular 6, NodeJs, MongoDB, PostgreSQL)

Health Information Exchange (HIE) 3.0 is designed with the primary goal of aggregating, standardizing, and sharing patient data across the entire health and care ecosystem. By enabling seamless access to comprehensive patient information, it empowers healthcare professionals to deliver safer, more efficient, and more personalized care.

HIE 3.0 minimizes gaps and errors in patient histories by ensuring all relevant clinical data—regardless of where it was generated—is available in one unified view. This comprehensive data accessibility reduces unnecessary duplication of diagnostic procedures, such as radiographs and laboratory tests, by making previous results visible across all connected healthcare facilities.

Furthermore, HIE 3.0 plays a critical role during inpatient assessments, helping clinicians make informed decisions faster. It facilitates more efficient discharge planning by offering insights into a patient's broader medical and social care needs, allowing providers to coordinate appropriate post-discharge support. Ultimately, HIE 3.0 enhances clinical workflows and contributes to better patient outcomes.

✎ DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief