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| **Surya Kumar**  Full-Stack Developer  **Experienced Front-End Developer** with 6 years of expertise in building responsive, user-centric web applications. Proficient in **React, React-Query, TypeScript, JavaScript**, and Jest for unit testing, along with **Cypress** for E2E automation testing. Skilled in working with **MongoDB, MySQL**. Strong background in **Algorithms, Microservices, API Integration**, and version control tools like **Git, GitHub**, and **BitBucket**. Experienced in Agile methodologies, Jira, and CMS platforms like **WordPress** and **PHP**.  WORK EXPERIENCE: 7.3 Years  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Principal Consultant** December 2023 – Present  Genpact Ltd, Hyderabad   * Achieved Good Sonar Code coverage for 98% above... * I interact with clients, address grooming session queries, and achieve sprint goals on time in every sprint. * Implemented end-to-end (E2E) test cases for every component using Cypress, Jest unit testing. * Before production deployment, we test our application in both the Dev (Development) and Stage (Testing) environments. If any bugs or test cases fail, we quickly fix the issues and re-test both repositories. * Contributed to a product-based MNC project for the client CDK in the banking sector, focusing on the development and management of modular, maintainable repositories for key financial systems such as Accounts Receivable (AR), Accounts Payable (AP), General Ledger (GL), and Journal Entry (JE).   **Technical Lead** September 2022 – March 2023  Infinite Computer Solutions (India) Ltd, Hyderabad   * Proficient in React JS, including Object Model, DOM manipulation, event handlers, data structures, algorithms, JSX, and Babel. * Built with reusable components and accompanied by unit tests. * Experienced with Agile methodologies. * Contributed to a product-based MNC project for the client Sensyon Zyter, focusing on device tracking to determine the latitude and longitude of specified locations and collect relevant data for tracking purposes.   **Senior Software Engineer** May 2021 – September 2022  GD Research Center (GDRC), Hyderabad   * Tested and debugged front-end components to ensure a seamless user experience. * Troubleshoot and resolve bugs in the software application. * Developed user interfaces for software applications using HTML, CSS, JavaScript,Typescript and React.js. * Contributed to a product-based MNC project for the client Sensyon Zyter, working on device tracking systems to determine the latitude and longitude of specified locations, and gather critical data for efficient tracking and analysis.     **Senior Software Engineer** December 2018 – April 2021  Tecnolynx Global Pvt Ltd, Hyderabad   * Strong experience with database languages, server-side and client-side development, including MySQL and MongoDB. * I have worked with over 25 web application-based startup organizations, specializing in ReactJS, TypeScript, reusable components, hooks, and performance optimization   **Web Developer** August 2017 – November 2018  Websky Software Solutions, Rajamahendravaram   * Developed customized web applications using Core PHP and the CodeIgniter framework, utilizing MVC architecture and design patterns to ensure efficient, scalable, and maintainable code. * Provided ongoing maintenance and support for websites and web applications, ensuring optimal performance, security, and user experience. * Contributed to a service-based startup company specializing in WordPress, PHP, CodeIgniter, and React.js application development.   PROJECT  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  **Banking System (Accounts Receivable, Accounts Payable, General Ledger, Journal Entry)**  Role: Frontend Developer  Duration: December 2023 – Ongoing Project Overview: This project involves the development and maintenance of a modular banking system handling multiple repositories (Accounts Receivable, Accounts Payable, General Ledger, and Journal Entry). Each repository is independently maintainable, allowing flexibility for users and administrators. The system integrates with financial services, optimizing processes like transactions, ledger management, and financial reporting.  Key Responsibilities:   * Designed and developed user interfaces using React and TypeScript, ensuring responsive and intuitive designs. * Utilized React Query for efficient data fetching and state management. * Implemented styling using SASS for modular, scalable styles. * Wrote and maintained Jest unit tests for frontend components to ensure code reliability.   Technologies Used:   * Frontend: React, TypeScript, React Query, SASS, Jest, Cypress * Backend: Java, API Services, PostgreSQL * Tools & Monitoring: Git, GitHub, SonarQube, New Relic   Key Achievements:   * Optimized data flow and API performance, reducing load times * Increased test coverage by 98% through Jest unit tests and Cypress automation. * Enhanced modularity and maintainability of the system by ensuring each repository (AR, AP, GL, JE) is independently manageable * Reducing errors in financial transactions by improving code stability and implementing automated testing | CONTACT  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  • G Surya Kumar  • **+91-9346814210**  • **gvsskumar502@gmail.com**  • linkedin.com/in/suryakumarg502  • github.com/gvsskumar  SKILLS  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  *Frontend Development:*  • React JS  • React Query  • Material-UI  • CDK-Redial (custom-theme)  • Redux • JavaScript  • TypeScript  • HTML5  • CSS3, Sass  *Backend Development*:  • Node.js  • PHP  • Python  *Testing and Automation:*  • Cypress  • Jest Unit Testing  • E2E Testing  • Sonar Coverage  *Database Management:*  • MongoDB  • MySQL  • JSON  *API Development and Testing:*  • API Services  • REST APIs  • POSTMAN API • Swagger API  *DevOps and Deployment:*  • AWS  • Amazon S3  • EC2 • Amazon EBS • AWS Lambda  • API Gateway  *Version Control and Collaboration Tools:*  • Git  • GitHub  • Bitbucket  *Project Management and Monitoring:*  • Jira  *Computer Science Fundamentals:*  • Algorithms  *Content Management Systems (CMS):*  • WordPress  EDUCATION  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Jawaharlal Nehru Technological University Kakinada (JNTUK)  Bachelor of Technology in Computer Science  Major: Computer Science  Minors: Software Analytics and Information Systems  Graduation: May 2013  Grade: First Class  OTHER  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  • AWS Certified Cloud Practitioner. |