

SAGAR SINGH

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Objective:

4.5 + years of experience as software developer, hands-on experience in JavaScript. Advance knowledge of Agile Principle Main responsibilities is to interact with client and get requirement and complete the task as per expectation .

Managing & overseeing multiple customer accounts and the successful initiation, execution & delivery of software projects in a diverse range of technologies.

Career Abstract:

- Completed my Information and Technology from Mumbai University in June 2019.
- I am a seasoned software developer with more than four years of experience in designing, developing, and deploying innovative software solutions using React,node, and JavaScript frameworks.
- Skilled in the full software development lifecycle, I have a proven ability to lead projects and collaborate effectively with cross-functional teams to deliver projects that enhance functionality and efficiency.
- My technical proficiency spans both front-end and back-end development, with a strong focus on optimising performance and user experience. Committed to continuous professional development, I actively engage in workshops and courses to stay current with industry trends and technologies

Education:

Degree/ Course	Institute/ College	University/ Board	Percentage/ CGPA	Year of Passing
BE(CS)	Pravin patil College of Engineering	Mumbai University	7.24	2019
HSC	Ismail Yusuf College	Maharashtra board	60 %	2016
SSC	Sudarshan English High School	Maharashtra Board	86 %	2014

Skill Set:

DBMS: MySQL, MongoDB ,postgres sql ,oracle db, cassandra

Technical Languages: Node , Javascript, React,Next

Technical Skill : AWS ,Mirco services, Ngnix ,Docker ,Open Epic ,Mirth

Tools & Technique: Git, Agile , Water Fall Model,

Operating System : Windows, Linux, Ubuntu

Personal Details:

Nationality : Indian.

Languages Known : English, Hindi and Marathi.

Date of Birth : 08/06/1998.

Marital Status : Single

Employment History:

Organisation Name : Trigyn Technologies

Domain: <https://www.trigyn.com/>

Role: Senior Software Developer

Timeframe: March 2023 to Till date

Key Responsibilities:

- I serve as the primary liaison between clients and development teams, gathering requirements and ensuring tasks meet expectations.
- I manage multiple customer accounts, initiating, executing, and delivering software projects while adhering to Agile methodologies.
- My role involves coordinating with cross-functional teams, providing technical guidance, and ensuring project milestones are met on time and within budget.
- Additionally, I cultivate strong client relationships, offering strategic insights and resolving concerns promptly to drive ongoing satisfaction and revenue growth.
- Proficient in JavaScript and Agile methodologies, with expertise in project management tools and version control systems
- Exceptional communication, problem-solving, organizational, and leadership abilities

Projects

1. Diksha (Digilocker integration)

In the Diksha integration project, I managed PostgreSQL and Cassandra databases, designed schemas, and optimized queries. I developed Node.js APIs and integrated them into Oracle Gateway for seamless communication. These APIs interfaced with Digilocker, fetching data from databases and displaying certificates. I converted certificate data from JSON to XML format to meet Digilocker's requirements. Despite challenges, including ensuring compatibility and data transformation complexities, I delivered a robust solution. This integration significantly enhanced certificate data accessibility and usability, improving user satisfaction. My role showcased expertise in database management, API development, and seamless system integration, highlighting my ability to deliver impactful solutions in complex technical environments

2. VSK (vidya shiksha kendra)

The Vidya Shiksha Kendra project involves developing a secure API to fetch literacy and education rates for all states, mitigating risks like SQL injection. Utilizing Next.js or Oracle Apex, a frontend interface will be created to display this data securely. Additionally, existing Leaflet features will be revamped according to client specifications, enhancing functionality and user experience. Security measures will be prioritized to prevent unauthorized data manipulation. Rigorous testing will ensure both functionality and security standards are met. Comprehensive documentation will cover API usage, security measures, and frontend features. Deployment will occur in a secure server environment, with ongoing maintenance to address any issues or updates. Post-deployment user support will be provided to address inquiries or concerns.

3. Diksha

- Successfully revamped an Electron JS offline application, ensuring optimal performance across diverse system environments.
- Spearheaded logic building initiatives, refining the app's functionality and enhancing user experience.
- Played a pivotal role in debugging Kafka integration, streamlining data flow and enhancing real-time communication capabilities.
- Implemented advanced certificate utilization strategies, bolstering security measures and ensuring compliance with industry standards.
- Orchestrated the reconfiguration of paths and directories within a complex microservices architecture, enhancing scalability and maintainability.
- Collaborated closely with cross-functional teams to troubleshoot issues and optimize application performance, fostering a cohesive and efficient working environment.
- Made significant contributions to improving the overall smoothness and reliability of website and application operations, resulting in enhanced user satisfaction.
- Demonstrated proficiency in problem-solving and teamwork, consistently delivering high-quality solutions in a fast-paced and dynamic environment

Organisation Name : BMORE ITS

Domain:<http://www.bmoretechnology.com>

Role: Senior Software Developer

Timeframe:oct 2022 to Feb 2023

Key Responsibilities:

- Developed robust code leveraging React.js and Node.js to meet business requirements, ensuring high-quality software solutions.
- Managed deployment and production processes, optimizing performance and scalability on platforms like AWS and Oracle Cloud.
- Executed database migrations and implemented new design patterns to enhance system architecture and data management efficiency.
- Conducted post-production issue debugging and resolution, utilizing comprehensive testing frameworks such as Enzyme and Jest to ensure software reliability and stability.
- Spearheaded pre-production testing initiatives, employing Enzyme and Jest for comprehensive unit and integration testing, validating software functionality and performance before deployment.
- Demonstrated proficiency in Node.js and React.js, driving the development of cutting-edge features and functionalities.
- Utilized DevOps practices to streamline development processes and ensure seamless integration between development, testing, and production environments.
- Actively contributed to the adoption of best practices and continuous improvement initiatives within the development team, fostering a culture of innovation and excellence.

Projects

1. Cibil transunion

Implemented CIBIL TransUnion integration within our application, facilitating seamless credit assessment for lending purposes. Developed robust APIs using Node.js to securely transmit and process data between our platform and the CIBIL TransUnion service. Created a user-friendly frontend interface using React.js and Next.js, ensuring smooth navigation and intuitive user experience during the lending process. Incorporated CIBIL checks and identity verification mechanisms to assess borrowers' creditworthiness and mitigate risk. Integrated PAN API to authenticate user identities and enhance security measures. Led the hosting and debugging efforts, ensuring the application's stability and reliability throughout the development lifecycle.

2. HRMS

Implemented the backend system for a Human Resource Management System (HRMS) using Node.js and Express.js. Developed RESTful APIs to handle employee data management, authentication, and authorization. Designed and optimized database schemas using technologies such as PostgreSQL or MongoDB to ensure efficient storage and retrieval of HR-related information. Integrated third-party services or libraries for additional functionalities like payroll processing or attendance tracking. Implemented security measures such as encryption and access control to safeguard sensitive HR data. Collaborated with frontend developers to define API contracts and ensure smooth integration between backend and frontend components. Conducted thorough testing and debugging to maintain the reliability and performance of the backend system.

Organisation Name : MedicNova · Freelance

Domain: <https://medicinova.com>

Role: Software Developer

Timeframe: Jun 2022 to oct 2022

Key Responsibilities:

- Led the development of comprehensive medical applications tailored for hospital environments utilizing the MERN (MongoDB, Express.js, React.js, Node.js) stack, hosted on AWS infrastructure.
- Key achievements include the integration of advanced features such as barcode scanning and robust inventory management systems.
- Ensured seamless functionality and user experience through meticulous design and implementation, catering to the specific needs of medical professionals and administrative staff.
- Collaborated closely with stakeholders to understand requirements and deliver solutions that enhance operational efficiency and patient care.

Projects Details:

1. Backend

Implements server-side logic using frameworks like Node.js, Django, or Spring Boot.
Manages data persistence with databases such as MongoDB, PostgreSQL, or MySQL.
Implements authentication and authorization mechanisms to ensure secure access to the application.
Provides APIs (RESTful or GraphQL) for communication with the frontend, allowing data retrieval, manipulation, and storage.
Handles business logic, including user input validation, data processing, and algorithm execution.
Integrates with external services and APIs for additional functionalities, such as payment gateways or third-party APIs for data enrichment.

2. Web App

Develops user interfaces using HTML, CSS, and JavaScript.
Utilizes frontend frameworks like React.js, Angular, or Vue.js for building interactive and dynamic web applications.
Implements responsive design to ensure compatibility across various devices and screen sizes.
Manages state using state management libraries like Redux or Context API (in React.js) to maintain application state consistency.
Handles user input and interactions, such as form submissions, button clicks, and navigation.
Optimises performance by minimizing network requests, code splitting, and lazy loading of resources.

3. Admin Panel

Provides a dedicated interface for administrators to manage the application's settings, users, and content.
Includes features for user management, such as creating, editing, and deleting user accounts, as well as managing roles and permissions.
Offers content management capabilities, allowing administrators to create, edit, and delete content items, such as articles, products, or categories.
Implements data visualisation tools, such as charts and graphs, to present analytics and insights about application usage and performance.
Integrates with logging and monitoring systems to track system health, errors, and user activities.
Supports customization and extensibility to adapt to the specific needs of the application and its administrators

Organisation Name : Relinns Technologies

Domain: <https://www.relinns.com/>

Role: Software Developer

Timeframe: Nov 2021 to Jun 2022

Key Responsibilities:

- Developed robust code utilising React.js, Node.js, and various complementary tools to align with business requirements.
- Formulated comprehensive test cases and meticulously analysed test results to ensure rigorous evaluation of code functionality.
- Conducted thorough testing procedures to achieve maximum code coverage, meticulously addressing all potential scenarios.
- Facilitated seamless implementation of code changes across multiple environments, including QA/UAT and production environments, ensuring smooth transitions and system stability

Projects

1. Yoborestro

Developed using React.js for the frontend and Node.js with the Express framework for the backend.

Internal project focused on role management for administrators and users within a restaurant management system.

Key objectives included enhancing user experience and streamlining business operations for both users and business owners.

2. Switch 2.0

Implemented for an insurance company client within the organization.

Designed to calculate insurance premiums based on driving behaviour.

Utilized Rotor and other services for integrations, with a focus on efficient backend processes using Node.js and child fork processes.

Led API development and database design, ensuring seamless app flow and robust backend architecture.

3. Rbl Bank and Winjit

Collaboration with Winjit for a project involving RBL Bank.

Responsibilities included addressing AppSec points and developing APIs, with a specific focus on the 365-days statement feature.

Contributed to enhancing security measures and optimising API performance for improved user experience and data integrity.

4. Krishivan

I Instrumental in a Kerala government project aimed at facilitating direct sales of crops and machinery to the government. Led backend development using Node.js and micro-services architecture, overseeing a team of 7 members. Played a pivotal role in designing and implementing robust backend systems to streamline transactions and enhance efficiency.

Organisation Name Contriver Tech

Domain:<https://www.contrivertech.in>

Role: Software Developer

Timeframe:Sept 2019 to Nov 2021

Key Responsibilities:

- Proficient software developer specialising in ReactJS, NodeJS, and other tools.
- Skilled in creating project flow maps to align with business requirements and setting ambitious targets.
- Conducts rigorous testing to ensure comprehensive code coverage and reliability across all scenarios.
- Achievements include delivering projects ahead of schedule and improving code coverage.
- Excels in both individual contributions and collaborative team environments.

Projects:

1. Y-Media Lab APIs:

Developed dynamic APIs using Node.js, serving as the foundation for a healthcare system. Collaborated with EPIC and Mirth to ensure seamless integration and handling of dynamic API requests.

2.WedMcGood Admin and Website:

Led the development of a React.js frontend and Node.js backend for a comprehensive marriage and admin system. Implemented dynamic page rendering handled by the backend, along with seamless admin and payment integration.

3. Ryzole Project

Spearheaded the creation of a healthcare system, sourcing data from Open EPIC for advanced healthcare functionalities. Leveraged Mirth Connect and Open EPIC for efficient data extraction and transformation from XML to JSON format using Node.js.

4. Niconi:

Developed a cosmetic products e-commerce platform featuring tokenization for special discounts and seamless integration with Amazon. Engineered APIs for stock management and analysis using Redis, incorporating tokenization and robust security protocols for buy and sell operations.

5. Pixalive

Led a team of four in developing a sophisticated web application for crypto management, utilizing React for the frontend and Python and Node.js for the backend. Implemented advanced functionalities such as tokenization, Redis caching, Kafka messaging, and microservices architecture to ensure secure, scalable, and real-time crypto trading experiences. Achievements include delivering a robust application exceeding client expectations and receiving commendation for the intuitive user interface and seamless functionality.