DIGVIJAY SINGH

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OBJECTIVE

- Senior Software Engineer with 7 years of experience designing and developing high-performance backend systems.
- Proven track record in optimizing core systems resulting in improved performance, reliability, and efficiency.
- Skilled in Node.js, Typescript, and JavaScript Frameworks, AWS services, SQL and NoSQL databases, CI/CD pipelines, and infrastructure provisioning.
- Leading a team of developers, I drive collaborative efforts towards achieving project goals, fostering innovation, and delivering high-quality solutions.

EDUCATION

Bachelor of Technology in Computer Science, IIMT College of Engineering   2013 - 2017

SKILLS

Technical Skills	Node.js, Javascript, Typescript, Express, NestJS, React
Databases	MongoDB, MySQL, Redis, Elastic
Tools Platforms	RabbitMq, Amazon AWS Services, New Relic, Git, Docker, Jenkins

EXPERIENCE

Senior Software Engineer   Apr 2022 - Present
InsuranceDekho   *Gurugram, IN*

- Designed and implemented the architecture of a renewals, optimizing data flow and system interactions using Nest.js and RabbitMq to achieve a 40% increase in processing efficiency, while automating renewal policies to reduce manual intervention by 60%.
- Implemented robust fallback mechanisms using RabbitMQ to achieve 99.9% data reliability, ensuring uninterrupted service, and configured real-time alerts integrated with Slack, leading to a 50% reduction in issue resolution time.
- Led a team in developing a responsive React.js dashboard that provided detailed insights into system performance metrics, resulting in a 30% increase in team productivity and empowering team members to manage and resolve failure cases directly from the dashboard, thereby improving workflow efficiency by 40%.
- Diversified the InsuranceDekho (IDEdge) portfolio by successfully onboarding the Health Shield project, leading all cross-functional teams to ensure success across both frontend and backend aspects, and actively contributing to architecture discussions, high-level diagrams, and major component development.
- Designed and developed the foundational structure of the Common KYC Service in Node.js with Typescript, and successfully led the developer team to complete KYC integration for 20 insurer's within 45 days.

Senior Software Engineer   Jan 2021 - Apr 2022
Wrocus Technologies   *Noida, IN*

- Engineered a streamlined rider journey for health plans, enabling users to seamlessly select from multiple optional add-ons, resulting in a 25% increase in user engagement and satisfaction.
- Optimized database queries and caching mechanisms, resulting in a 40% improvement in content retrieval and rendering performance, enhancing overall system responsiveness.
- Spearheaded initiatives to onboard 10 new insurers and 50 new insurance plans, expanding our system's offerings by 30% and enhancing customer choice.
- Implemented robust role-based access control on CMS portal, ensuring secure update access to sensitive website content for 50+ internal users and stakeholders.

Software Developer   Sep 2017 - Jan 2021

Creatiosoft Solutions   *Noida, IN*

- Designed and developed the backend server for an online real-money Poker game, integrating websockets for real-time interactions.
- Engineered scalable bots using Node.js child process capable of playing against real users and utilized them for load testing purposes.

PROJECTS

Renewals Journey. Designed and implemented the renewal microservice, automating policy flows and reducing manual intervention by 60%. Used RabbitMQ for reliable data flow and Slack alerts to cut issue resolution time by 50%. Led a React.js dashboard development, boosting team productivity by 30% and improving workflow flexibility. (Renewal Dashbaord) & (Website)

Health Shield OPD Project. Built a project that diversified the InsuranceDekho (IdEdge) portfolio by adding non-insurance products for POS Agents, leading to a increase in revenue. Led cross-functional teams in frontend (React) and backend (Node.js & NestJS) development, creating high-level diagrams, and developing key components. (POS Login)

Insurer Integrations (Health & KYC). Built and integrated a project that introduced multiple insurers and plans, enhancing customer choice by 25%. Designed the foundational Common KYC Service, completing integration for 20 insurers within 45 days. Engineered the rider journey for health plans, enabling seamless selection of optional addons, significantly improving user experience. (Health Insurance)

Content Management Systems (CMS). Built and enhanced a CMS to streamline data uploads, reducing manual intervention by 70% and improving accuracy. Added features for managing plan details and network hospital filters, implemented role-based access control for security, and optimized database queries, increasing content retrieval performance by 40%. (CMS Dashbaord)

Poker Magnet. Built the backend server for an online real money poker game with real-time interactions using WebSockets. Created scalable bots for gameplay and load testing, and developed a web-based portal to optimize daily game operations, improving efficiency by 40%.