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PROFESSIONAL SUMMARY

Experienced Software Engineer with **5** years of success in delivering scalable, high-performance software solutions. Skilled in designing, developing, and optimizing systems to ensure maximum efficiency and reliability. Recognized for producing clean, efficient code and solving complex challenges in dynamic, fast-paced environments.

SKILLS

Languages & Frameworks: Ruby on Rails, JavaScript (ES6+), TypeScript, React, Node.js, Redux, PHP, Python

Testing Tools: RSpec, Rails MiniTest, Capybara, Jest

Databases: SQL, PostgreSQL, MongoDB

Cloud & DevOps: AWS S3, Kafka, Application Performance Monitoring (APM)

WORK HISTORY

SENIOR SOFTWARE ENGINEER

03/2022 to 10/2023

Roundtrip

- **Revamped the Eligibility File Upload application** using Ruby on Rails, tripling the speed of patient data and insurance processing, significantly improving system efficiency.
- **Designed and implemented Version 3 APIs** for the booking application, boosting scalability, reliability, and feature versatility.
- **Optimized SQL queries**, reducing latency by 30%, resulting in faster booking transactions and an enhanced user experience.
- **Integrated Datadog for advanced monitoring**, improving tracing and observability by 75%, enabling quicker detection and resolution of system issues.
- **Developed custom rules and actions in Auth0** using JavaScript, ensuring seamless integration and secure handling of hospital data.
- **Enhanced the administrator dashboard** with multi-role features using Ruby on Rails and React, streamlining user role management and improving system performance.
- **Implemented dynamic UI features** in the booking application with React, enriching the user experience and increasing interactivity.

SOFTWARE ENGINEER

01/2021 to 03/2022

Helix, Infosys

- **Developed REST APIs** using Java, Spring, and Kafka, implementing CQRS architecture to streamline data handling and system performance.
- **Debugged and resolved customer issues**, delivering effective fixes that improved overall customer satisfaction and system reliability.
- **Mentored junior engineers**, supporting their onboarding process and fostering their professional development.
- **Leveraged NER training models with Python** to process client agreement forms, automating data extraction and improving efficiency.

FULL STACK ENGINEER

05/2019 to 12/2020

Apple, Infosys

- **Solely developed DC-Audit**, a web application using PHP, revolutionizing invoice validation and improving logistics performance by 10x.
- **Designed and implemented APIs and UIs**, collaborating directly with stakeholders to gather requirements, ensuring the final product met all user needs and enhanced user satisfaction.
- **Created the week-over-week API for Demand Forecast** using PHP, delivering actionable sales insights critical for strategic planning.
- **Led the development of key features** in PilotRunReport, Scanner, and Census using PHP, React, and Angular, ensuring timely delivery and high-quality results.

WEB DEVELOPER

08/2016 to 06/2017

MN.IT Services

- **Engineered and maintained MNChoices**, a citizen-facing application using C#.NET and Silverlight XAML, enabling users to answer multiple-choice questions to determine eligibility for benefits. Coordinators could take answers offline and seamlessly upload them into the system.
- **Created a proof-of-concept** for MNChoices using KnockoutJS, HTML5, CSS3, and Bootstrap, showcasing a modernized approach to the application.
- **Developed comprehensive online documentation** for common processes, improving usability for both support staff and end-users.
- **Automated routine organizational tasks** by scripting, increasing efficiency and reducing manual effort.

EDUCATION

BootCamp in Full Stack Engineering
App Academy, San Francisco, CA

01/2019

Bachelor of Science (B.S.) in Information Technology
Annamalai University, Chidambaram, India

05/2010