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# Abdul Hanan

Software Engineer

## Summary

A technically adept Application Engineer, proficient in the analysis of pertinent information and providing guidance throughout the entire product development cycle, from conception through completion. I have **3+ years** of experience of developing and testing multiple features in an agile environment, using **Ruby on Rails, NestJs, JavaScript, React.js, and Redux, Chrome extensions, Big Query, Redshift, Kafka**. My expertise encompasses the entire Software Development Life Cycle (SDLC), which includes tasks such as defining functional specifications, conducting analysis, creating designs, documentation, programming, testing, implementing solutions, and managing ongoing maintenance.

## SKILLS

**Client Side:** React, JavaScript, Stimulus, jQuery, Redux

**Server Side:** Ruby on Rails, NestJs, MongoDB, PostgreSQL, MySQL, TypeScript

**Test cases:** Rspec, Minitest, Cypress

**DevOps:** AWS, Docker, Git, Circle CI

**Project Management** (Jira, Trello, Shortcut, ClickUp)

## Work experience

### Senior Software Engineer | Devsinc | 2023 - Present

- Engineered and maintained high-performance backend systems, leading to a notable 15% boost in website traffic and conversion rates.
- Utilized Ruby on Rails for end-to-end web application development, employing the Model-View-Controller (MVC) framework for the backend, and CSS and HTML5 for the front-end.
- Demonstrated proficiency with essential tools such as RVM, Bundler, GEMS, and libraries, all tailored to the specific Ruby/Rails version.
- Spearheaded the implementation of an advanced data management system, optimizing data processing and enhancing data precision by 20%.
- Designed a suite of full-stack applications, encompassing an e-commerce platform and a real-time chat application, utilizing RESTful APIs and Socket.IO to deliver scalable and efficient user experiences.
- Collaborated closely with cross-functional teams to craft customized solutions that precisely met client requirements, culminating in an impressive 95% satisfaction rate as per customer feedback surveys.
- Developed and managed a health care platform utilizing RoR, Postgres, Django, python and React. This led to a 50% boost in user engagement and a 30% reduction in development time.
- Introduced a responsive design using Bootstrap and Media Queries, resulting in a 40% enhancement in the mobile user experience and a 60% decrease in maintenance effort.

### Software Engineer | Devsinc | 2021 - 2023

Created a web application by implementing the MVC (Model-View-Controller) framework for the backend and utilizing CSS and HTML frameworks for the frontend.

- Engineered the controller and PostgreSQL-based view components of the system, integrating scaffolding. Additionally, leveraged arrays and hashes within the Ruby environment.
- Collaborated closely with cross-functional teams to craft aesthetically pleasing user interfaces, employing Bootstrap and Material design frameworks. This effort resulted in a notable 15% decrease in bounce rates.

- Successfully executed the establishment of authentication and authorization protocols using JWT (JSON Web Tokens) and OAuth2 to fortify the security of sensitive user data, serving over 1 million registered users.
- Engaged in the development and implementation of applications in close partnership with designers, managers, and interdisciplinary teams.
- Conducted rigorous testing of code to assess effectiveness, performance, and scalability. Additionally, achieved a seamless migration from an on-premises web application to a serverless solution.

## Projects

### Rently

**Website:** <https://use.rently.com/>

- Led implementation of vendor line feature, boosting client engagement by 50%.
- Architected IoT solutions addressing key business challenges.
- Integrated Azure Active Directory SSO, enhancing authentication efficiency by 40%.
- Developed Kafka connectors, reducing data synchronization time by 60%.
- Automated API validation, increasing system reliability by 70%.
- Enhanced enterprise client features, resulting in a 30% revenue growth.
- Contributed to SOWs, leading to 20% increase in project efficiency.
- Identified and resolved critical security vulnerabilities, safeguarding IoT infrastructure.
- Provided mentorship, resulting in a 25% increase in team productivity.

### Great Recruiter(GR)

**Website:** <https://greatrecruiters.com/>

- Successfully integrated Great Recruiters with leading ATS platforms (Bullhorn, Labor Edge, Avionte, Hubspot), streamlining recruitment processes and enhancing efficiency.
- Played a vital role in optimizing recruiter performance using Great Recruiters' online reputation management and referral software, resulting in improved candidate sourcing and placement.
- Conducted training sessions for recruitment teams on utilizing Great Recruiters platform and integrated ATS solutions, empowering recruiters with data-driven insights for better decision-making and outcomes.
- Collaborated with development teams to customize integration of Great Recruiters with various ATS platforms, ensuring seamless data exchange and compatibility with clients' systems.

### Maple HR

**Website:** <https://maplehr.io/>

- Designed and Implemented Secure Blockchain Solutions: Engineered and deployed blockchain technology to enhance transaction security, providing a tamper-resistant ledger for financial transactions, ensuring data integrity, and reducing fraud.
- Real-Time Financial Data Integration: Developed a robust API integration system, enabling real-time data retrieval from financial markets, ensuring timely and accurate information for traders and investors, thus improving decision-making.
- AI-Driven Risk Assessment and Fraud Detection: Implemented advanced machine learning algorithms for real-time risk assessment and fraud detection, strengthening security measures, and ensuring compliance with fintech regulations.
- Scalable Microservices Architecture: Designed and optimized a microservices architecture, enhancing the platform's scalability, responsiveness, and overall