

Senior Software Engineer

An experienced software engineer with over 3 years of experience building challenging applications. Experience working remotely while developing complete stack applications. Hold proficiency with the SDLC and approaches to agile development, and an in-depth understanding of programming languages and tools. A developer with extensive experience creating and managing scalable web applications.

WORK EXPERIENCE

Software Engineer

Jan 2023 – Present

API Integrations & Development:

- Integrated **Experian API** to access criminal and eviction reports, ensuring thorough applicant screening.
- Built **AWS Lambda** functions with event cycles and file versioning, optimizing serverless processing and data management.
- Developed webhooks for various APIs to automate response handling and trigger subsequent actions, improving system responsiveness.
- Integrated **Finicity API** for seamless income verification, enhancing the accuracy and speed of applicant assessments.
- Developed payment features using **Stripe**, enabling users to pay via credit card or coupon, improving payment flexibility.

Email & Notifications:

- Integrated **SendGrid API** for sending templated email notifications and **Twilio** for email validation, improving user communication and verification processes.

Properties Marketing & Data Scraping:

- Developed and deployed modules for property marketing, including scraping data from various sites, optimizing property listings, and lead acquisition strategies.

Associate Software Engineer

Jun 2022 – Dec 2022

Performance Optimization & Scalability:

- Optimized platform performance for processing large datasets efficiently, ensuring real-time delivery of healthcare insights.
- Designed a scalable architecture to support the platform's growth, accommodating an increasing number of healthcare providers and patient bases.

Automation & Feature Implementation:

- Automated admin modules for super admins to manage test projects and assessments, reducing manual workload and improving efficiency.
- Implemented lead generation modules for the BD team, automating the creation and management of test projects and assessments.
- Built a **Renter's Resume PDF** feature using **Prawn**, providing users with a professionally formatted resume of their rental history.
- Worked with **AWS S3** for maintaining system assets, ensuring secure and scalable storage.

CONTACT

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<https://github.com/Zia-Ur-Rehman1>

SKILLS

Teamwork & Collaboration

Code & Quality Standards

API Design & Development

Time Management

Resource Management

Tools and Frameworks:

Ruby
Rails
Javascript/Jquery
Python
Django
Dart
Flutter
Vs Code
Android Studio
Jenkins
Docker
Redis
Resque
Sidekiq

Databases:

PostgreSQL
MySql
Firebase

APIs:

Sendgrid
Hubspot
Twilio
Transunion
Finicity
Gradient
Stripe
Experian

Cloud Services:

- Implemented geocoding functionality, enhancing location-based services within the application.

Full-Stack Development & Design:

- Led the development and design of both backend and frontend components, ensuring cohesive and user-friendly application interfaces.
- Built and optimized backend services and APIs, enabling seamless data exchange between patients, doctors, and medical devices.

Intern Software Engineer

Jan 2021 – Jun 2022

Project Management:

- Managed the entire software development lifecycle, from initial planning and design to implementation and deployment.
- Coordinated with team members and stakeholders to ensure project milestones were met on time and within budget.

Research & Innovation:

- Conducted research on the latest technologies and best practices, incorporating innovative solutions into the project.
- Developed proof-of-concept prototypes to validate new ideas and approaches before full implementation.

Development:

- Designed and implemented a personalized search feature.
- Built a real-time notification system with priority handling.
- Developed component-based real-time UI updates.
- Added comprehensive logging for status updates and communication.
- Implemented status-based report filtering.
- Designed layered authentication and authorization.
- Focused on user-centric UI/UX design for intuitive interfaces.

AWS Lambda
S3 bucket
API Gateway
EventBridge

Others:

Cloudwatch
Redis
Heroku
Postman
Elasticsearch

Project Management Tools:

Jira
Asana
Github
GitLab

Operating Systems:

Linux,
Microsoft
Windows
Android

EDUCATION

Namal University

Bachelor of Computer Sciences
Major in Computer Science

Lahore, PK – 2018

PROJECTS

Intellirent

<https://myintellirent.com>

A product for rental marketing agents that enables them to showcase their properties and allows interested applicants to apply through a platform equipped with automated screening processes. The solution aims to streamline the rental application process for agents while providing a seamless experience for potential renters.

BioMark

<https://www.biomarking.com/>

BioMark is a platform that helps patients and doctors make sense of medical data to prevent and manage disease. BioMark aims towards more personalized predictive and preventive healthcare.

MapleHr

<https://maplehr.io/>

MapleHR is a human resources management software that provides various HR solutions for businesses, including recruitment, onboarding, time and attendance tracking, payroll management, and performance management to simplify HR processes and improve organizational efficiency

Namhal

<https://github.com/Zia-Ur-Rehman1/namhal>

NAMHAL is a complaint management system based on the Android platform, which aims to simplify the process of managing and resolving complaints related to Namal residency. The application provides the administration with real-time complaints tracking, allowing for swift resolution and better overall management of the complaint system.