Praphul Patil

Senior Software Engineer

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SUMMARY

Enthusiastic Senior Software Engineer with 3+ years of experience in back-end as well as on front-end and participated in the complete product development lifecycle of successfully launched applications.

EXPERIENCE

Vyshnavi Information Technologies, Pune (July 2018 – Present)

Flight Ordering and Ticketing Service

Application is used for booking Aeroline tickets. System uses multiple micro-services based on **Spring Boot** framework and uses technologies like **GRPC**, **Event Driven Architecture** using **Kafka** and **Couchbase** & **Redis** as databases.

Responsibilities :
- Restructured architecture for faster performance by using Event-Driven Architecture, Redis Caches and by optimizating Couchbase queries & indexes.
- API Implementations and Mock Test cases for the implemented logic.
- Implemented migration service using Kafka-connect while upgrading the database version.
- Worked on code quality improvement by fixing SonarQube issues.
- Updated micro-services to use Sleuth log for easy debugging and Kafka-Actuator health check for event based services.
- Debugged stage and production services using Kiali, Kibana and Grafana tools.
- Worked in Agile framework as an individual contributor which includes - Interaction with Business team in story grooming, reviewing story etc.

Domain Verification System

Application is a domain database, configuration and verification system. It uses **AWS** APIs for creating and importing Domain Certificates, Route53 records and functionality to configure a PMTA server for a domain. System is based on the **CodeIgniter** framework which uses **PHP**, **MySQL**, **jQuery**, **Bootstrap** and **HTML**.

Responsibilities :
- Worked on AWS APIs of ACM, ELB and Route53.
- Integrated LetsEncrypt APIs for SSL Certificate issuance.
- Integrated some external APIs for handling Mail Records and HA-Proxy.
- Worked on multiple cron jobs like auto-renewing LetsEncrypt and AWS Certificates, auto mounting domain certificates to ELB and job to generate some report data like expiring domains, cleanup domains etc.
- Migration script for moving domain from AWS to LetsEncrypt for SSL Certificates.

Redesigned leading company's RPA website

The Website was created using a CMS application, which uses **HTML**, **Bootstrap** and **jQuery** for the development.

Responsibilities :
- Updated design to make it more interactive and attractive.
- Led team of 6 members.

WordPress Payment Plugin for WooCommerce

Plugin is used for making payment through the client's gateway. Plugin can be used in the WordPress based website which uses WooCommerce extension for creating and managing e-commerce sites. This plugin uses Woocommerce APIs using **PHP**, **JQuery** and **CSS**.

Responsibilities :
- Integrated client's payment APIs.
- Created UI for Card Payment, Bank Payment and Token Payment with required validations.
- Added settings to configure plugin for particular website like Client Name and Client APIs.

Other Projects

- Implemented Employee Training Certificate functionality which includes PDF generation of certificate in **Human Resource Management System**.
- Worked on UI changes and fixes in **Laboratory Information Management System**.
- Implemented Spring test cases and worked on UI fixes in the **Hearing Aid Clinic Management System**.

EXPERTISE

Frameworks : Spring Boot, CodeIgniter, Kafka, Bootstrap, Mockito

Technologies : Java, Php, HTML, CSS, JavaScript, jQuery

Databases : Couchbase, Redis, MySQL PostgreSql

EDUCATION

Bansal Engineering College, Bhopal -

B. Tech. (Computer Science) - 8.1 CGPA
2014 - 2018