**RANI NAGARE**

Software Engineer, Santa Clara CA

[raninagare29@gmail.com](mailto:raninagare29@gmail.comu) | (669) 236-9953 | https://www.linkedin.com/in/raninagare/

**PROFESSIONAL SUMMARY**

* Software engineering professional with **over four years of experience** in software design, architecture, and development.
* Executed projects as a **Full-Stack developer**, with an **emphasis** on designing scalable backend services in **Java, J2EE** and **Spring**.
* Implemented projects using the **Agile methodology** and SDLC, expert at translating business requirements into technical solutions.
* Contributed to onsite, offsite and cross-platform teams on software development and **Continuous Integration and Delivery**.
* Excellent **team player** along with good communication, problem-solving, and analytical skills.

**TECHNICAL SKILLS**

**Languages:** Java, Python, JavaScript, PL/SQL, Shell Scripting **Databases**: SQL, Oracle, DB2, MYSQL

**Build Tools:** Jenkins, Maven, Ant **Methodologies:** Agile, Scrum, Waterfall, SDLC

**Cloud:** Amazon Web Services (AWS) **Application Servers:** IBM WebSphere, Tomcat, Apache

**Frameworks**: Spring MVC, Spring Boot, JPA/Hibernate, SOAP/REST, Apache Kafka, JSP/Servlet, Junit, Mockito’s, Power Mocks

**Web Technologies**: RESTful, JSON, Linux, HTML5, CSS3, JavaScript, AJAX, XML, XSD, JSP, Servlets, Unix, jQuery, TCP/IP

**Tools**: Git, Tortoise SVN, Jira, Eclipse, IntelliJ, Postman, Soap UI, PyCharm, UML design using Rational Rose

**WORK EXPERIENCE**

**Software Engineer Intern PayPal Inc. May 2019- Aug 2019**

* Designed and developed **RESTful** web service and **backend** **API’s** using Java, and **Spring Boot** for **Core Payments** team.
* Developed tool using Apache Kafka, Java, Spring Boot and Logging mechanism which reduced transaction defect triage time by 50%. Unit testing is done using JUnit's framework.
* Intercepted requests and responses from every web service and published it to the apache Kafka for every transaction.

**Software Engineer BNSF Railway (via TCS) March 2016 - July 2018**

* Built backend for BNSFRailway web portal to manage all track and car-related operations, including track testing, car testing, and defect finalization using **Java**, **Spring**, **Hibernate** and JavaScript.
* Implemented scalable **microservices** architecture which decreased application load time by 30% compared to the legacy system.
* Automated deployments by implementing **continuous integration** and **continuous delivery** using **Jenkins**, Ant, and SVN.
* Resolved sev1/p1 issues by implementing **innovative solutions** which reduced the further business impact on production systems.

**System Engineer Tata Consultancy Services (TCS) - Tata group December 2012 - March 2016**

* Developed end to end Flight Selection module for **British Airways** which gives user cheapest flights for selected date ranges by using **Java, JSP, Servlet, Spring** and **MySQL**.
* Reduced flight Selection time of existing application by 20% using **microservices** and reducing database hits.
* Automated the process of the **Lawson** suite of *Human Resources application* which includes modules core functions of the HR, Personnel Administration, Benefits Administration, Payroll, Absence Management, etc.
* Enhanced customer facing **Toys” R” Us registry process** by developing **reusable, scalable and configurable** **JAVA components**.
* Implemented API in **Java** to send automated emails to customers and Merchants.

**RELEVANT PERSONAL PROJECTS** | **GitHub**: <https://github.com/raninagare>

**Corporate Access Card Generation App** (**Java**, Spring Boot, **REST**, PostgreSQL, **AWS**)

* Developed web application that generates temporary access card/badge for an employee and visitor whenever the employee forgets to bring his badge to the office. Added extra layer of security using QR code and **Amazon face Recognition**.

**Discussion Forum** (**Python**, Flask, **Nginx** Load Balancing, SQLite)

* Built discussion forum where the user can create a forum, thread, and comment on others' posts by using **a scalable** restful backend in **Python**, Flask, and SQLite.

**Book Rating System** (Java, SpringBoot, **REST**)

* Implemented **microservice** architecture for book rating service**.** Microservices **discover** and communicate with each other using **eureka** and java spring boot.

**EDUCATION**

**M.S. Computer Science**, California State University, Fullerton **August 2018 - December 2019**

**Bachelor of Engineering** - Information Technology, University of Pune **August 2008 - June 2012**

**LEADERSHIP AND ACHIEVEMENTS**

* **Crowd’s favorite Award in Intern Hackathon (2019):** Awarded by PayPal among 200 interns.
* **On the Spot Award:** Awarded by TCS.
* **Beyond Performance Award (2016):** Awarded by TCSin a team of 200+ professional engineers.