DEEPAK RAGHU

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Professional Summary

- Highly dedicated and results-oriented Software Engineer with over 9+ years of remarkable background in design, development, maintenance of robust web services, microservices and applications primarily using **Java, Spring, Dropwizard** and related frameworks/technologies.
- Rich experience in the financial services sector (digital consumer banking and retail cards), travel and hospitality domain, authentication related modules. Proficient in migration of legacy services to cloud.
- **AWS certified developer** proficient in creating high performant, scalable, fault-tolerant cloud services.
- **Oracle certified associate** in MySQL5 skilled in managing data in RDBMS and non-relational databases.
- Quick learner with the ability to grasp concepts easily and implement them in tight deadlines often reducing 'Time to Market' for many business features.

Skills

- Java (8+), Spring Boot, React.js
- RESTful & SOAP web services, microservices
- MySQL, NoSQL (Cassandra, MongoDB)
- Authentication with OAuth & Cryptography
- OOPs, SOLID and Design Patterns
- HTML, CSS, JavaScript, Linux

- Docker containerization & Kubernetes
- Kafka, CI/CD – Jenkins/Gitlab, GoCD
- Cloud computing – AWS, Azure
- TDD, BDD / Cucumber, test containers
- Maven, JIRA, Bitbucket, Confluence, Splunk, Dynatrace, GIT, SVN, Agile/Scrum, SDLC

Experience

Software Engineer   Dec 2021 - Present
Gamesys, London, UK
- Developed web services to register/onboard players, manage profile data, handling post registration actions in our online gaming platform using Spring Boot and related tech.
- Created React components for managing players profile data and marketing preferences.
- Handling players personal data using cryptography techniques and streaming acquisition events via Kafka.
- Created & managed regulatory documents for players in our system thereby maintaining compliance.
- Created contract tests, functional and regulatory acceptance tests using TDD, BDD and test containers.
- Develop, maintain and troubleshoot issues in CICD pipelines using GoCD / Gitlab.

Associate Software Engineer   May 2018 – Nov 2021
JP Morgan Chase & Co., Bangalore, India
- Designed and developed services/features for customer authentication/authorization as part of new banking architecture using advanced technologies such OAuth, TOTP, device binding, push-notification, Multi-Factor and Passwordless auth.
- Created self-service feature which reduced reliance on Customer Care calls by 50% thereby reducing fraud rate in critical banking modules.
- Improved latency by 30% for high traffic login services with asynchronous calls using Multithreading & Concurrency techniques.
- Modernized legacy platform to private cloud along with unit tests (Mockito/Powermock) and automation tests (Gherkin/Cucumber).
- Implemented encryption techniques using cryptography features such as RSA, HMAC, JWT, JWKS.
- Implemented Kafka producer and consumer services for customer push notification actions.

Software Engineer   Jun 2016 – Apr 2018
Wipro Ltd., Bangalore, India
- Designed and developed microservices architecture for Way2Go product (Enterprise product which provides travel and expense solutions) using Dropwizard, Jetty, MongoDB.
- Improved caching and messaging between services with event driven architecture using Azure service bus and Redis. Worked with Google APIs for location services of travel destinations.
- Integrated Global Distribution Systems such as Sabre and other third-party travel services such as GoAir, Spicejet, etc. for fulfillment of air and hotel reservations of customers.

Software Engineer   Dec 2013 - May 2016
Mindfire Solutions, Bangalore, India
- Requirement gathering, analysis, DB schema design for Retail Gift Cards and Ad Voucher entities.

- Developed REST services using PHP/Symfony2, Doctrine2 ORM for Gift Card, Merchant, consumer and Coupon resources. Created admin portal for management operations using Bootstrap.
- Implemented Cron jobs for scheduling voucher operations.
- Integrated Third Party APIs like Facebook, Mailchimp for user related operations.

Education

Bachelor's in Information Science & Engineering   **2013**
East Point College of Engineering & Technology