

Amey Kelkar

San Francisco Bay Area

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EXPERIENCE

Visa – Staff Software Engineer, Innovations and Regional Solutions – Foster City, CA **May 2019 – Present**

- Designing, developing and owning mission-critical micro-services for highly scalable infrastructure for low-latency and high-throughput
- Understanding E2E implementation and architecture of products in production to optimize and ensure efficiency
- Designing, coding and integrating micro-services and REST APIs with external application components
- Leading the development of new products iteratively by building quick proof of concepts and converting ideas into real products
- Delivering zero defect code and responsible for ensuring the team's deliverables to meet or exceed the prescribed defect SLAs
- Working closely with development, engineering and operation teams and jointly developing key deliverables ensuring production scalability and stability
- Mentoring new hires and interns to accomplish their goals and help bolster their knowledge

Cerner – Associate Senior Software Engineer, Population Health – Kansas City, MO **Feb 2016 – May 2019**

- Developed SOA microservices with a Test-Driven Development
- Tuned performance and increased operational efficiency on a continuous basis
- Rewrote unstructured multi-page web applications to single page applications using ReactJS
- Extracted reusable modules from a monolithic application and services into libraries / SDKs
- Developed profilers to maintain history of the service requests made by the front-end applications
- Made performance improvements using monitors like NewRelic
- Enhanced continuous integration and deployment by automated orchestration with Spinnaker / Jenkins

Rollout – Software Engineer Intern – Dallas, TX **Aug 2015 – Dec 2015**

- Was responsible for integration of cloud storage like Box, Dropbox, G Drive, One Drive
In the web application for managing file creation, uploads and deletion.
- Used webhooks to listen to callbacks from cloud service APIs to sync the files between the cloud storages

SKILLS

- **Languages:** Java, Ruby, Python, HTML, JavaScript, Groovy
- **Frameworks:** Spring Boot, Ruby on Rails, ReactJS
- **Tools:** Git, Jenkins, New Relic, Spinnaker, JIRA, Swagger, Splunk, Grafana, Docker, Kubernetes, OpenShift, Kafka

EDUCATION

Master of Science in Computer Science – University of Texas at Dallas **Dec 2015**
Major: Artificial Intelligence
GPA 4.0

Master of Science in Information Technology – University of Mumbai **April 2014**
Major: Robotics
GPA 4.0

Bachelor of Science in Information Technology – University of Mumbai **April 2012**
Major: Computation Mathematics
First Class

PROJECTS

Payments using Biometrics – Java SpringBoot, Kafka

Card payments done using biometrics such as face / fingerprints to checkout at merchant kiosks. The biometrics data of the user is stored on their device, instead of centralized cloud for enhanced security and privacy.

Token Management Service – Java SpringBoot

A micro-service which manages Visa tokens which are used in order to make payments through ecommerce or NFC transactions. This service also manages life cycle of a token like its creation, modification, suspension or deletion.

NewRelic SDKs – Java, Ruby, Python

An SDK for NewRelic which builds a template to defined alerts for RESTful microservices and application based on predefined configurations and thresholds referring Google's SRE standards, built in Java, Ruby and Python.

Google Wear OS Watch and Philips Hue Integration – Objective C, Java

A watch application which controls Philips Hue smart lights with any wearable device that runs on Google Wear OS.