

# KISHAN SINGH

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**Github:** <https://github.com/KishanSingh77>

**Linkedin** : <https://www.linkedin.com/in/kishan-singh77>

**Portfolio** : <https://kishansingh77.github.io/kishan77>

## EDUCATION

**Master of Science**, Computer Science UNC Charlotte, NC, USA

**GPA: 4.0/4.0**

**Aug 2018 – May 2020**

**Bachelor of Engineering**, Information Science VTU, India

**GPA: 3.5/4.0**

**Jul 2011 – Jun 2015**

## TECHNICAL EXPERIENCE

**Software Developer Intern**

**Rally Health**, San Francisco, California

**May 2019 – Aug 2019**

Project : [Rally Recover](#)

**[ Scala, Node.js, Docker , Angular 7 , React.js, Circle CI ]**

- Dockerized Express server based Provider-dashboard and Scala API and added CircleCI jobs to implement CI/CD for local and production servers.
- Engineered GraphQL API for handling patient & provider healthcare data based on Design-First thinking.
- Collaborated with the team in code reviews and maintained 87% code coverage with JEST unit testing.

**Software Engineer**

**Mphasis Limited**, Bangalore, India

**Jan 2016 – Jul 2018**

Project : [Charles Schwab - Participant Service Link](#)

**[ Netflix OSS, Spring Boot, Spring Cloud, RabbitMQ ]**

- Refactored SpringBoot REST API validations & rectified over 30 production bugs in a span of 2 weeks.
- Partnered with 4 teams and stakeholders to gather requirements and address Veracode flaws in PSL & SchwabPlan.
- Implemented RabbitMQ to handle distributed tracing for Address and Loans microservices via Zipkin.
- Improvised PSL with custom filters for customer follow up.
- Reduced the production validation effort by 70% via automation and maintained 85% JUnit code coverage.

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, TypeScript, XML
- **Web Technologies:** SpringBoot Microservices, Hibernate ORM, Node.js-Express.js
- **Frontend Technologies:** Angular 7, React.js-Redux, HTML 5, CSS 3
- **Databases:** MySQL, Oracle 10g, MS SQL Server 2014, MongoDB, FireBase
- **Tools & IDE:** Gradle, Swagger, Git, JIRA, Kibana, AWS (EC2, SNS, RDS), Heroku, Docker, CircleCI

## ACADEMIC PROJECTS

**TopDeck RideSharing:** [GitHub](#)

**Aug - Dec 2019**

- Google OAuth based pooling app which gives role-based access to collaborate over chat rooms and plan trips adding multiple places via AutoComplete & Places API on a Google Map.

**Smart-Mart:** [Github](#)

**Jan - Apr 2019**

- Engineered an e-Commerce platform with token-based authentication using JWT hashing & salting.
- Integrated AWS-SNS to provide email notifications and utilized Google Map API for tracking packages.
- Led a team of 4 to provide strategic direction with Scrum and kanban methodologies.

**Daily Buzz:** [Live Demo](#) [GitHub](#)

**Aug - Dec 2019**

- Orchestrated a news portal using open-Source News and Weather API on Heroku.

**Web Scraper - Indeed.com :** [Github](#)

**Aug - Dec 2019**

- BeautifulSoup based Python web scraper that extracts, filters, refines job postings based on locations.

**Continental Employee Onboarding:**

**Aug - Dec 2018**

- Developed an online learning system to deliver an interactive platform for employee onboarding and skillup.

## ACHIEVEMENTS

- **Rally Health Hackathon - AskRally** - Earned 3rd prize working in a team of 5 to engineer a React-hooks based internal StackOverflow QA forum backed by Elasticsearch and PostgreSQL. [Demo](#)
- **Graduate Teaching Assistant ITCS-4112 - SSDI** - Assisting CCI faculty in conducting lectures for undergraduate classes, reviewing assignments and conducting weekly TA sessions to resolve queries.