

VIVEK HARIBA RAJARAM

Santa Clara, CA, 95050 | +1 (669) 272 9208

vrajaram@scu.edu | www.vivekrajaram.com | <https://www.linkedin.com/in/vivek-rajaram> | <https://github.com/vivraj17>

Education

Master of Science (Computer Science and Engineering) | Santa Clara University, CA Sep' 18 – Jun' 20

Relevant Coursework: Adv Design and Analysis of Algorithms, Operating Systems, Pattern Recognition and Data Mining, Database Systems, Machine Learning, Computer Architecture.

GPA: 3.59/4.0

Bachelor of Engineering (Electronics and Tele-Communication) | University of Pune, MH Jun' 10 – Jul' 14

Relevant Coursework: Data Structures, Fundamentals of Programming language, Digital Signal Processing. **GPA: 3.34/4.0**

Skill Sets

Languages: **Java**, Python, C.

Web technologies: JavaScript, HTML5, NodeJS, ExpressJS,

Databases: **SQL**, **MySQL**, **PostgreSQL**, Hibernate Testing Tools: **Junit**, Selenium

Other: Spring, RestAPI, **Eclipse**, Jenkins, Redmine, **Agile**, Scrum, Kanban, **Japanese-JLPT N3**

Work Experience

➤ **Asimily Inc.** Jun' 19 – Mar' 20

Software Developer Intern

- Contributing to the product by working and improving the product design into more scalable and robust.
- Learning the implementations and integrations of technologies like **Big data, Cloud and Machine Learning**.

Projects:

➤ **Device Security (Asimily)** Jun' 19 – Mar' 20

- Improved the **risk analysis module by 22%**.
- Implemented the parallel processing of risk scanning **resulting 85% decrement in processing time**.

➤ **Fujitsu Consulting India Pvt. Ltd., Pune, India** Jul' 16 – Jul' 18

Associate Application Developer.

- Led a team** of nine developers for creating a Data Generation tool onsite in **NodeJS** (Tokyo, Japan).
- Spearheaded the IT bug fixing team for a **Java** based Web application Project offshore and onsite (Tokyo, Japan).
- Participated as a developer in Web Application System for a Telecomm BSS/OSS based company.

Projects:

Test Data Generator Tool (Fujitsu) Dec' 17 – Jul' 18

- Designed and developed a "Test Data Generator" tool in **NodeJS** using **NPM** libraries like **Faker**, **Random**, and **ExpressJS**.
- Designed the architecture from inception to production level and developed the common functionalities, at Fujitsu Japan.
- Demonstrated the performance of the Tool generating around 1 million test data in 30 seconds of record time.
- Improved the test data generation time and the overall team productivity by reducing 15 to 20 person-hours per tester.

Telecom domain Web Application (Fujitsu) Jul' 16 – Nov' 17

- Developed UI, common method, and classes of reusability using **Java**, **JSP** and XFramework.
- Researched on Fujitsu's web framework and creation of **3** internal automation tools that reduced **14 person-hours** per screen.
- Supervised the IT bug fixing team, and accelerated the bug fixing and build hold time by 30% from previous phase.
- Received appreciation from client for critical bug fixing in record time that led to completion of halted IT and ST process.
- Suggested and convinced the product owners regarding automation tools and communicated queries regarding requirements.

➤ **NTT Data GDS Pvt. Ltd., Pune, India** Jun' 14 – Jul' 16

Software Developer.

- Learned and created database connection API for Web and mobile application as a Backend **Java** Developer.
- Analysed requirements and built **Java** classes as a **Scrum Developer** in developing Web Application.

Projects:

Project Management Web and Mobile Application (NTT Data) Dec' 14 – May' 15

- Integrated an android mobile application and Web application, for tracking the projects' progress by virtual Kanban Board.
- Created APIs for server-based database connectivity using **Spring**, **Hibernate**, **RestAPI** and **JSON**.
- Systematized overall project management and software development life cycle by implementing App at NTT Data Pune,

Retail Shop Chain Web Application (NTT Data) Jul' 14 – May' 16

- Participated in a full-fledged web application development for retail chain shops for Admin, Sellers and Users, having functionalities of account management, discount coupon cards, gift card points etc.
- Worked as a **scrum developer** in **Java** and **Spring** based web application and played a major role in developing User module.
- Developed all 18-screen activities of user module and tested database APIs mapped for data fetching and updating queries.

Academic Projects

- Detection of Parkinson's disease - Machine Learning.** ([GitHub](#)) Mar' 19
- Movie Search Engine using Java, Swing, and SQLPlus database**([GitHub](#)) Jan' 19