

Education

- **San Jose State University** (2016 - 2018 anticipated)
Master's in Software Engineering with specialization in Enterprise Software Technologies
Some Relevant Courses: Enterprise Distributed Systems, Cloud Technologies, Web UI and Design, Software Platforms
- **Rajasthan Technical University** (2011 - 2015)
Bachelor's degree in Computer Science Engineering

Skill Set

- **Programming Languages:** Java, Python
- **Mobile & Web Technologies:** Android, HTML, CSS, Bootstrap, Javascript, JQuery, NodeJS, ExpressJS, AngularJS, PHP
- **Databases:** MySQL, Oracle, MongoDB, SQLite
- **Operating Systems:** MacOS X, Windows, Unix/Linux
- **Tools:** Docker, Git, Postman, Genymotion, Photoshop, Eclipse, Greenfoot, BlueJ, Ejs

Projects

GRE Vocabulary Builder (Google Play Store Link - <https://goo.gl/RaePqD>)

- Designed and Developed an interactive **Android Mobile Application** that helps GRE aspirants
- App has features like picture vocabulary, word comparisons, random word on phone shake, quiz etc
- This app is live on Google Play Store with over **40,000 downloads**
- Technologies Used: **Java**, SQLite, **Genymotion**, Eclipse, **Photoshop**

Uber & Lyft Trip Planner

- **Dockerized** web app built on **ExpressJS** that optimizes multiple destination trip cost and suggest best route
- Uses an **Optimized Greedy Algorithm** to suggest the cheapest price and cab options based on **Uber & Lyft API**
- Additionally provides weather, flickr and crime data of multiple destinations
- Technologies Used: **ExpressJS**, Bootstrap, **Google Maps API**, Weather API, Flickr API, **Ejs**, **Docker**

Shop Stop Marketplace

- E-commerce marketplace that hosts and sells products from various independent and individual child websites
- Uses cURL to integrate and communicate with individual websites, with back end on PHP and MySQL
- Technologies Used: **Bootstrap**, Javascript, **PHP**, **MySQL**, **cURL**

Compresso (HTML5 Game) (Single Player Game Link - <https://goo.gl/VFpQLX>)

- Developed a Multiplayer game using **Software Design Patterns** on **Javascript** and **Jquery**
- The game implements and teaches the concept of Text Compression in Computers Science
- Technologies Used: **HTML5**, Bootstrap, **Javascript**, **JqueryUI**, NodeJS (for multiplayer)

Work Experience

- **Associate Software Engineer at Tata Consultancy Services** (6 months) (February 2016 - July 2016)
Responsibilities: Develop and Maintain Boeing's internal part registration forms using Javascript
Write validation scripts using validate.js and registering forms to databases with PHP
- **Android Developer Intern at Commelius Solutions** (2 months) (January 2015 - February 2015)
Responsibilities: Parse and Integrate data from various APIs like Google and Zomato for a meeting scheduler app
Handling notifications, intents and broadcast receivers of android devices

Certifications And Achievements

- Oracle Certified SQL Expert (May 2014)
- MongoDB Certification (M102) from MongoDB University (September 2013)
- Android Development Training from HP with grade "A" (July 2014)
- Awarded outstanding contributor in Tata Consultancy Services (April 2016)