Harsh Agrawal

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EDUCATION:

- **San Jose State University, San Jose, CA**   **Aug 2018 – Present**
  Masters of Science in Software Engineering
- **Rajasthan Technical University, India**   **Aug 2013 - July 2017**
  Bachelor of Technology, Information Technology

TECHNICAL SKILLS:

- **Programming:** JAVA, J2EE, C, C++, jQuery, AJAX, JavaScript, Typescript, Google Apps Scripting, Python
- **Database:** RDBMS, MySQL, DB2, MongoDB, MLab
- **Technologies/ Framework:** ReactJS, Redux, AWS EC2, AWS S3, NodeJS, GitHub, JMeter, Kafka, HTML5, CSS, Bootstrap, Test Driven Development, Agile - Scrum development, AngularJS, Angular5, Spring, Spring Boot, Jenkins, Redis, Junit, GitLab, JIRA, Confluence, GraphQl

WORK EXPERIENCE:

SleepIQ Labs, San Jose, CA (Cloud Engineering Intern)   **May 2019- Present**
  Technologies Used: Java, Groovy, Grails, Jenkins, AWS ECS, AWS ECR, Docker, Tomcat, Alexa Skills
- Implemented Grails App as a microservice using Docker.
- Implemented Continuous Development and Deployment using Jenkins, AWS ECR and ECS

Cognizant, India (Full Stack Developer)   **Feb 2018 -July 2018**
  Technologies Used: AngularJS, Angular 5, Spring Boot, Java, Ajax, jQuery, Jenkins, Tomcat, Typescript, REST
- Developed product posting, review and listing, profile management and change password for Vendor and Customer portal of an e-commerce website.
- Implemented Slots booking feature for the candidates on Compe10ncy Portal for tests.

DeCurtis Corporation Pvt. Ltd, India (Software Engineer Trainee)   **Nov 2017- Feb 2018**
  Technologies/Tools Used: Kibana, Grafana, Kubernetes
- Managed and monitored running services using DevOps tools
- Addressed Client issues and Task Boards on JIRA Tracker.

IBM Lab, India (Summer Intern)   **May 2016 - July 2016**
- **Technologies/Platform Used**: Java Enterprise Edition (J2EE), JSF, JSP, EJB, RAD 7.5, DB2 9.5, WAS 7.0
- Designed and Developed Attendance management for Human Resource Management System.
- Designed and Developed Branch, Calendar, and Staff Management features for University Management System.

PROJECTS:

LinkedIn Prototype: **December 2018**
  Technologies: React, Redux, Kafka, JMeter, JWT, Passport.JS, Redis, MongoDB, Node.JS, MERN Stack
- Developed User profile management, Analytics Charts, Login, Signup, Picture upload, Resume View, User authentication.
- Achieved $1/5^{th}$ of avg. response time by implementing **Kafka** with **Redis** SQL caching, tested using JMeter for 100-500 concurrent users.

The Walking Dead (game using GreenFoot)   **December 2018**
  Technologies Used: Java, Design Patterns, Kanban, Greenfoot
- Developed single player Java shooting game by implementing Gang of four Objected- oriented Design Patterns like Strategy pattern, Factory pattern, Command Pattern, State Pattern, Observer pattern.
- Implemented user stories, UML Diagrams, Sprint Task Sheets, GitHub Task Board, XP values journal, scrum reports.

Will It Sell – App success Predictor   **December 2018**
  Technologies Used: Python, Flask, React, Natural Language Processing
- Develop web application to Predict success rate of an app. For this trained the NLP model to generate the predictions and generated the graphs and charts.