Rashmi Jadhav

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Summary

- A computer science graduate student having three years of experience working as a software engineer
- a problem-solver, a positive, skilled, and reliable team player with a can-do attitude

Education

Oregon State University   *Corvallis, OR*

MASTER OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.92/4.0   *Jun. 2021*

College Of Engineering Pune (COEP)   *Pune, India*

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY   *May. 2016*

Experience

eQ Technologic Inc. (A software product firm)   *Pune, India*

SENIOR SOFTWARE ENGINEER   *Apr. 2019 - Aug. 2019*

- Designed and developed a **feature** called non-data-driven links in the product eQube®-BI during a 3 months **sprint** to release the feature in product version 7.9
- Revamped the **official website** of the organization by working with the CEO, the CTO, and the website team for the conference Realize LIVE 2019
- Held the responsibility of **Links module** in the product eQube®-BI and resolved around 30 bugs within a month

eQ Technologic Inc. (A software product firm)   *Pune, India*

SOFTWARE ENGINEER   *Jul. 2016 - Apr. 2019*

- Provided a customer with an intelligent Teamcenter®**platform solution** within three months, the outcome of which led to signing more projects with the customer
- Built **user interface** on top of eQ's security services to centralize eQ's products' security and user operations, performed textbffrontend optimization
- Continually made enhancements in the **look and feel** of the official website of the organization, managed customer's **content management systems** and forums
- Developed an **android application** to make the campus hiring process smooth and eliminated manual paperwork
- Resolved customer issues for **eQ's License Generator** and developed new features in the same

Recent Projects

Experimental join algorithms on PostgreSQL database   *Corvallis, OR*

RESEARCH UNDER THE GUIDANCE OF PROF. ARASH TERMEHCHY   *Jan. 2020 - Present*

- Designing and implementing **online join algorithms** for faster top-k retrievals by using **PostgreSQL** source code in **C**
- Exploration of **random sampling** for aggregate query estimates

JobProfill - A Mozilla Firefox extension for autofilling job applications   *Corvallis, OR*

CS 562 SOFTWARE PROJECT MANAGEMENT   *Jan. 2020 - Mar. 2020*

- Developed a Mozilla Firefox add-on in **javascript** to auto-populate job application forms with the user's profile
- Reduces an applicants time of form filling by saving the profile in **browser cache**

Resume Maker   *Corvallis, OR*

CS 561 SOFTWARE ENGINEERING METHODS   *Sept. 2019 - Dec. 2019*

- Used **scrum** and **agile** practices to build a web application using **NodeJS** backend and **HTML, CSS, javascript, and bootstrap** frontend for resume PDF generation depending on user's data filled in the questionnaire
- The webapp can generate a new resume for a fresh candidate within just 5 minutes of form-filling

Intelligent Traffic Signal Synchronization Using Fuzzy Logic and Q-Learning *Pune, India*
Undergraduate Final year dissertation *Jun. 2015 - May 2016*
- A multi-agent signal synchronization system to dynamically operate traffic signals as per the vehicles' flow at an instance
- Formed **fuzzy-logic** rule base and incorporated **Q-learning** algorithm so that the rule base changes itself through learning
- Used **SUMO road-traffic simulator** and **Python** for the simulation of the proposed system
- Presented the work at the 2016 International Conference on Computing, Analytics and Security Trends (CAST) resulting into an **IEEE publication**

Skills

Languages	C, Java, Python, javascript
Frameworks	Spring Suite, Hibernate, backbonejs, jQuery, Bootstrap
Databases	MySQL, PostgreSQL, Oracle 11g
Tools	Maven, Eclipse, Intellij, Git, SVN, Android Studio
Web Development	Liferay Platform, HTML, CSS, requirejs, marionettejs, KendoUI

Leadership and Involvement

TEDx Oregon State University *Corvallis, OR*
Curator *Jan. 2020 - Present*
- Curation of speakers as per theme 'the roaring 20s'
- Organizing speaker lineup, designing timelines, and crafting speeches

OSU Association of Computing Machinery - Women, OSU Society of Women Engineers *Corvallis, OR*
Member *Sept. 2019 - Present*
- Active participant of the meets and events

Lean2Lead Pune *Pune, India*
Founding Member *Aug. 2015 - Present*
- A community formed for ambitious people in workforces, inspired by Sheryl Sandberg's Lean In Foundation
- Managing the finances of the community and planning the monthly meets with the fellow core team members