RAJIV PARAJULI

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SUMMARY

Dynamic and motivated, recent Software Engineering graduate seeking entry-level position in Software Development.
Core Competencies: Software Developement Lifecycle, Object Oriented Design and Development, Test Automation, UML Diagrams, Communication

EXPERIENCE

Web Developer
February 2020 - April 2020

● **VirtuPharma** | Sydney, Australia
- UI refinements in the marketplace landing page
- Bug fixing

Software Test Engineer
November 2015 - January 2019

● **Spark Technology Pty. Ltd.** | Kathmandu, Nepal
- Worked in Agile/SCRUM team
- Participated in Sprint Planning
- Prepared Test Cases, Test Plans and Test Scripts
- Test execution on various level (System, Regression, Smoke)
- Reported issues through a formal bug tracking system and worked with engineering team to help isolate, debug and resolve issues/bugs
- Prepared and presented test reports and risk assessment metrics
- Used Firebug to debug and inspect DOM elements
- Created and performed automated tests using Selenium in JAVA
- Tested REST APIs using Postman
- Wrote SQL queries for Database testing in Microsoft SQL Server
- Load/Performance testing of APIs and Stored Procedures using JMeter
- Setup, configure, troubleshoot and maintain system test environments
- Staying abreast of industry systems, testing tools and best practices

EDUCATION

**Master of Technology
(Software Engineering)**

● **Federation University Australia**
Ballarat, Victoria • 2020 • 6.20

**Bachelor of Computer
Engineering**

● **Institute of Engineering, Tribhuvan University**
Kathmandu, Nepal • 2016

CERTIFICATIONS

**Mictosoft Certified
Professional (MCPS)**
February 2013

● **Microsoft**

Microsoft Specialist
February 2013

● **Microsoft**
Programming in HTML5 with JavaScript and CSS3

PROJECTS

Tasman Salinity and Temperature Applet
August 2020 - April 2020

● **Federation University Australia**
• Fulfills client's vision of smart ocean
• Observe the effects of electromagnetic attenuation on underwater communication
• Constructing a database with tables for conductivity, depth and temperature across the Tasman Sea
• Observe attenuation level for different wireless technologies
• Implementing a feature that allows user to upload dataset in CSV format and show corresponding charts
• Creating types of users -- admin users with authority to modify data and normal or unregistered users to view and interact with the app
• Built using HTML5, CSS, JavaScript, Python, Django, SQLite

Video Codec Design and Development
August 2016

● **Himalaya College of Engineering**
• Reducing the size of video file without compromising quality
• Involves partition of video into image frames, Discrete Cosine Transformation and encoding
• Built with Python, Node.js, Bootstrap

Review Sentiment Analyzer
2015

● **Himalaya College of Engineering**
• Classifying users' opinion into bipolar orientation (positive or negative)
• Involves Natural Language Processing, tokenization and stemming of text
• Built with Python (Django), HTML, CSS, JavaScript

SKILLS

Languages: Python, Java, C, C++, PHP
Databases: MySQL, MSSQL, SQLite
Frameworks: Selenium, Maven, Django, Spring
SDLC: Agile/SCRUM, Waterfall
Tools: PyCharm, Eclipse, Visual Studio Code, XAMPP, JMeter, Microsoft SQL Server, Postman
Web: HTML5, CSS3, JavaScript, JUnit