Davinder Singh

**QA Engineer**

Sacramento, CA ∙ [davinder4885@gmail.com](mailto:davinder4885@gmail.com)

**CAREER PROFILE**

Highly focused and reliable entry level Junior QA Engineer/Web development with a strong programming knowledge base. Exceptional ability to work independently with little to no supervision or as a part of software development team. Extremely flexible and adaptable and enjoy working in all kinds of Software Development Environments.

**EDUCATION**

**Master’s in Information Technology –** Punjab Technical University, India

**Diploma in Computer Science –** Punjab University, India

**Cisco Certified Network Associate (CCNA R&S 200-125) –** Network Academy

**PROJECTS**

* Front end website template: HTML5, CSS3, JavaScript, Bootstrap.

GitHub repo - <https://davinder19.github.io/rice-web/>

Details: Front end website template responsive on all devices.

* Portfolio: HTML5, CSS3, JavaScript.

GitHub repo – <https://davinder19.github.io/davinder-portfolio/>

Details: My Portfolio where you check my education, latest works about Development, Testing Automation projects with demo and GitHub repository.

**TECHNICAL SKILLS**

* Responsive front-end website using HTML5, CSS3, Flexbox, Grid, Media Queries and JavaScript.
* Excellent knowledge of all the stages of Agile Software Development Life Cycle (SDLC).
* Knowledge of Jira Tool, Agile mythology, and Scrum framework.
* Good knowledge about various Testing types such as Functional, Smoke, User Interface.
* Able to design build, execute, schedule, and monitor manual and automation tests.
* Familiar with MySQL, entity relationship diagrams and all CRUD operations in SQL.
* Create and maintain Test Strategy, Test Plans, Test Reports and Test Dashboard.
* Used Postman tool test API calls.
* Analyze test cases and scenarios subject for Automation.
* Design and Develop test script based on user requirements.
* Good knowledge about Developing Framework and automation using Selenium with Python programming language and Pytest.
* IPv4 addressing, Sub netting, VLSM, IPv6 addressing
* Configuring Cisco Routers with different protocols such as RIP, EIGRP, OSPF, Static Routing and different ACL Permission. Configure Cisco Switches with VLAN’s and VTP, STP, RSTP, MST.

**TOOLS**

* Editor: Visual Studio, Sublime Text, PyCharm.
* Programming language:
  + Html5, Css3, JavaScript.
  + Python, Java, XML, Json.
* Database: MySQL, PostgreSQL, MongoDB.
* Reporting Tools: Jira, Bugzilla, Test-link.
* API Testing: REST API, Postman.
* Platforms: Windows 7/8/10, Unix, Linux.

**WORK EXPERIENCE**

Rice Experiment Station

Biggs, CA 95917

August 2011 – Present

* Involved in all the stages rice research tasks.
* Excellent knowledge about GPS Technology for planting and harvesting crop.
* Capturing crop images by Drone.
* Extensively worked on various Rice Research related software Vibe, S21, RVA, WinSeedle, Stake for rice quality purpose.
* Taking rice plant data from germination to harvesting and reporting to Rice Breeder.
* Collection, Processing crop data and managing Database.
* Performing database assisting task Create, Update, Delete, Drop data and analysis crop data using Agronomix Database Software.