

DAVINDER SINGH

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CAREER PROFILE

Highly focused and reliable entry level Junior QA Engineer/Web development with a strong programming knowledge base. Excellent knowledge about Manual and Automation Testing using Selenium with Python. 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) – Cisco Networking Academy

PROJECTS

- **Portfolio:** HTML5, CSS3, JavaScript.
GitHub repo – <https://davinder19.github.io/davinder-portfolio/>
Details: My latest works about Development and Testing Automation projects with demo videos and GitHub repository.
- **Automation Testing Projects:** Shopping Cart, Mobile Shopping, BMI Calculator (Selenium, Python, PYTEST), API/Rest API testing (Postman, JavaScript, Python, BDD Framework).
GitHub repo – <https://davinder19.github.io/davinder-portfolio/tester.html#projects>
- **Development Projects:** Front-End Web Template, Portfolio, BMI Calculator, Joke Generator, To-do's App, Notes App. (HTML5, CSS3, JavaScript)
GitHub repo – <https://davinder19.github.io/davinder-portfolio/#projects>

TECHNICAL SKILLS

- Responsive front-end website using HTML5, CSS3, Flexbox, Grid, Media Queries and JavaScript.
- Excellent knowledge of all the stages of Software Development Life Cycle (SDLC).
- Knowledge of Jira Tool, Agile mythology, and Scrum framework.
- Good knowledge about various Testing types Functional, Integration, Regression, Smoke testing
- Create and maintain SRS Analysis, Test Scenarios, RTM, Test Strategy, Test Plans, Test Reports and Test Dashboard.
- Able to design build, execute, schedule, and monitor Manual and Automation tests script.
- Used Postman tool test API calls and Automation with JavaScript.
- Rest API testing with python and BDD Framework.
- Designing, developing, and enhancing automation test scripts for Selenium using Python.

- Good knowledge about Developing Framework and automation using Selenium with Python programming language and PYTEST.
- Performed Functional Testing, Data Driven Testing and Cross Browser Compatibility testing on different browsers like IE, Firefox & Chrome.
- Familiar with MySQL, entity relationship diagrams and all CRUD operations in SQL.
- Extensive research of Data on web pages using Python Beautiful Soup Web Scraper.
- 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.
- Reporting Tools: Jira, Bugzilla, Test-link.
- API/REST API Testing: Postman, Json, JavaScript, Python, BDD Framework
- Automation: Selenium, Python, Pytest, JavaScript
- Platforms: Windows 7/8/10, Unix, Linux.

WORK EXPERIENCE

Plant Breeder Assistant

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, S2I, RVA, Win-Seed, 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.