DAVINDER SINGH

Network Associate

Sacramento, CA · devtestnet127@gmail.com

CAREER PROFILE

Highly focused and reliable entry level Network Administration 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.

- BMI Calculate: HTML5, CSS3, JavaScript.

    GitHub repo - https://davinder19.github.io/BMI-Calculator/

    Details: Enter Gender and Height it will calculate your Body weight, Body-index, and daily Protein requirement

- Portfolio: HTML5, CSS3, JavaScript.

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

    Details: Responsive Portfolio where you can check my latest works, education, and other information.

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 Post man tool test API calls.

- Queried the database to validate information.
- 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.
- Innovative, Problem solving, Critical thinking skills.
- 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, XML, Json.
- Database: MySQL, PostgreSQL, MongoDB.
- Reporting Tools: Jira, Bugzilla, Test-link.
- API Testing: REST API, Postman, Charles Proxy.
- 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.