Joseph Ville

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Driven, logical, and innovative software engineer with experience designing and developing applications through ingenuity. Highly motivated self-starter who works collaboratively with team members, and proactively produces robust solutions.

Education

Rochester Institute of Technology | *Rochester, NY*
    B.S. Computer Science   Dec 2016

Work Experience

Software Engineer
Solu Technology Partners | Victor, NY   Oct 2022 – Sep 2024

- Developed Razor Pages for web app
- Maintained an e-commerce web app with JavaScript
- Developed and oversaw extensive test automation suites in C# and Python with Selenium for 3 applications.

Software & Controls Engineer
Exxelia Micropen | Honeoye Falls, NY   Apr 2019 – Aug 2022

- C#/.NET desktop app development: lead on 3 major projects
- Web development with HTML/CSS and JavaScript, using ExpressionEngine
- Computer vision/image processing, with OpenCV library
- Dynamic C: programming BL2100 single-board computer to control automatic dipping machine
- Took ownership of projects, seeing them through to completion, bringing in whatever resources were needed to finish the job

Solution Developer
PeerPlace Networks | Rochester, NY   Feb 2017 – Jan 2019

- Maintained and created new solutions for a Java-based data management web app
- Programmed Java to query databases through SQL and output results to Excel files
- Used IBM DB2 SQL to create and maintain many web forms, and for data analysis

Jr. Software Developer (Co-op)
EarthLink | Rochester, NY   Aug 2015 – Aug 2016

- Created and maintained of automated test suites, based on manual test cases and user stories, using C# with CUITe Framework
- Assisted with smoke testing of production website during deployments
- Created and updated manual test cases based on user stories

Software Tester (Co-op)
Envative | Rochester, NY   Aug 2014 – Dec 2014

- Created test automation suites for 5-10 web applications, using Selenium IDE and WebDriver
- Lead tester on several projects: provided very thorough testing which aided the on-time delivery of quality products

Additional Skills

- Object Oriented Programming, MySQL, JSON
- APIs: RESTful and SOAP
- Version Control: Git, Bitbucket, GitHub, Azure DevOps, SourceTree, Sublime Merge
- CI/CD Pipelines
- OS: Windows, Linux terminal, MacOS

- Agile Software Life Cycle, SCRUM
- Testing: Automated (Selenium, CUITe), smoke, unit, regression, integration, performance
- Professional, reliable work ethic, detail oriented, excellent communication and problem solving skills
- Effectively communicate technical topics at a high level with non-technical individuals; strong interpersonal communication skills
- Languages: English (fluent), Spanish (intermediate)

Additional Experience

- Task Management System in ReactJS and ASP .NET
- Java desktop distributed systems application that uses client-server networking