Brian H. Rutledge

Software Engineer

Arlington, MA

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github.com/bhrutledge

Key Skills & Technologies

Adapting, Analyzing, Assimilating, Coding, Communicating, Debugging, Documenting, Editing, Explaining, Programming, Researching, Teaching, Testing, Troubleshooting. **Software Development:** Python, JavaScript, SQL, Git, Linux/Unix, Data Engineering, Test-Driven Development. **Web Development:** Django, Flask, Pandas, REST, Vue, jQuery, Webpack, D3, Charts, Maps, SASS, Bootstrap, Selenium, Responsive Design, Typography.

Professional Experience

Software Engineer, Full Stack Web Developer, Data Engineer, IT Support   2014–Present

EnergySage, Inc.   Boston, MA   *The world's first and largest online marketplace for solar panel installation*

- Coordinated and contributed to the development of core user experiences, including project planning & design discussions, data engineering, prototyping, and implementation
- Advocated for, coordinated, and contributed to the adoption of modern JavaScript tooling to develop new features more rapidly
- Improved setup, documentation, and testing for the Django development environment
- Developed and maintained an environment for reproducible data engineering
- Python, Django, Jupyter, Pandas, JavaScript, Vue, Webpack, Backbone, jQuery, D3, Selenium, HTML, SASS, CSS, BEM, Bootstrap, MySQL, Celery, Git, AWS, Google Cloud

Full Stack Web Developer   2006–Present

Freelance

- Designed and developed the CMS and front-end for my band's website, an application for a small retailer to analyze sales reports, and brochure websites for friends and family
- Python, Django, Flask, jQuery, PHP, SQLite, HTML, CSS, Git, Apache, Linux

IT Operations Manager, Bicycle Fitter, Buyer, Salesperson   2006–2014

Belmont Wheelworks   Belmont, MA   *Bicycle sales and service, catering to all levels of cyclists in greater Boston*

- Configured the website CMS, developed a front-end theme, and developed scripts to synchronize inventory
- Python, SQL, jQuery, CSS

Software Engineer   2001–2005

Applied Innovation Inc.   Dublin, OH   *Network management hardware and software for the telecommunications industry*

- Assumed development responsibility for a troubled network device, turning it into a major source of income
- Assembly, C, C++, Java, Python, Perforce

Education

Bachelor of Science, Computer & Information Science   2002

The Ohio State University   Columbus, OH

- Graduated Cum Laude with Honors in the Liberal Arts, 3.640 GPA