

# Brian H. Rutledge

Software Engineer

Somerville, MA

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[github.com/bhrutledge](https://github.com/bhrutledge)

## Key Skills & Technologies

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Adapting, Analyzing, Assimilating, Communicating, Documenting, Editing, Explaining, Researching, Questioning, Teaching, Troubleshooting. **Software Development:** Python, JavaScript, SQL, Git, Linux/Unix, Test-Driven Development, Code Review, Continuous Integration. **Web Development:** Django, REST, Vue, Webpack, jQuery, Charts, Maps, SASS, Bootstrap, Selenium, Responsive Design, Typography. **Data Engineering:** Pandas, Jupyter.

## Professional Experience

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**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, testing, and continuous integration for the Django development environment
- Managed, researched, and contributed to the migration to Python 3, including increasing test coverage and developing custom tools
- 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

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**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