

Daniel Jones

Full-Stack Web Developer

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About

I am a motivated, self-taught developer looking for an opportunity to work on either front-end or back-end web technologies. I've been building websites with HTML and CSS since the late '90s. Since 2012 I have been learning Python, and I very much enjoy using this language. My first exploration into back-end web programming was with the CherryPy framework. Since then I have used Flask and Django. In 2015 and early 2016 I spent a lot of time learning about front-end programming in JavaScript. I started using Git in 2012, and I believe this is an essential tool for developers. After starting FreeCodeCamp's Front End Development Certification, I began attending weekly meetups for FreeCodeCamp in Greenville, SC. At these meetups I have collaborated on coding challenges with fellow FCC students. My experience with Linux server administration goes back to the mid 2000s. I have experience deploying LAMP stack software such as phpBB and Wordpress. More recently, I've employed Docker for deployment of my own Python back-end projects. I've been employed for more than 13 years as a computer technician repairing desktop and laptop computers.

Education

FreeCodeCamp Front End Development Certificate (Nov 2015 – Aug 2016)

Work History

2003 – Present: Computer Trends

Computer Technician

Responsibilities include: Computer hardware diagnostics and troubleshooting. Computer hardware upgrades. OS installation and upgrades (Windows, Mac, Linux). Malware detection and removal. Customer service and remote support. System integration of new computer systems. Data recovery from corrupted file systems and malfunctioning hardware. Migration of customer data to new systems. Design, deployment, and maintenance of company website. Deployment and maintenance of email servers.

Skills

HTML CSS Sass JavaScript jQuery
Handlebars Python Flask Django
SQLite MySQL PostgreSQL
peewee ORM Linux BASH Git
Docker NGINX Apache

Projects

rc-club-members

A Flask application for managing the membership roster of an RC club. JSON import and export. Search using sqlite3 full text search (FTS4). Mass email using the Mailgun API. Email based secure passwordless login. CSV and XLSX export of roster. Uses the Flask framework and peewee ORM. Deployed with Docker behind an nginx uwsgi proxy.
GitHub: [tortxof/rc-club-members](https://github.com/tortxof/rc-club-members)

flask-signup

Publicly-available self-serve form handling back-end. The user retrieves a key pair, then uses the form key in their HTML forms. User can then use their secret key to retrieve submitted form data. Web and JSON interfaces. Flask framework and peewee ORM. Deployed with Docker behind an nginx reverse proxy.
GitHub: [tortxof/flask-signup](https://github.com/tortxof/flask-signup)
Live: signup.djones.co

Simon

A reproduction of the classic Simon game in JavaScript. Built for FreeCodeCamp.
CodePen: codepen.io/tortxof/full/vGVdWL