

Christopher Allen Lane

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Objective

I have devoted a significant amount of my personal time and energy into developing open-source software and leading open-source teams. Along the way, I have created a number of successful projects - some of which are now in wide use.

I now seek the opportunity to continue to advance open-source professionally, and to work with an organization that is as passionate about open-source as I am.

Skills

Engineering

- 10+ years experience performing full-stack web development and software engineering
- Expertise with HTML5, CSS3, JavaScript, PHP, NodeJS, Go, and SQL
- Experience with Ruby, Python, and Lua
- Expertise with relational and "schema-less" database design
- Experience with performing Linux system administration and "DevOps"-related tasks
- Expertise with authoring command-line tools

Security

- Proficiency with webapp penetration-testing, remediation, and incident-response
- Expertise with authoring open-source security tools (several in wide use)
- Expertise with designing secure web software

Soft

- Confidence with working among and leading distributed, remote teams
- Confidence with leading and collaborating on open-source projects
- Confidence with speaking and teaching in-person or remotely
- Exceptional written communication skills

Experience

Owner - Lane Technical, LLC (2016 - Current)

- Wrote a large, proprietary real-time algorithmic cryptocurrency trading application
- Performed webapp penetration-testing, remediation, and incident-response
- Performed full-stack LAMP development, DevOps, and system administration
- Implemented distributed (Github- and Slack-based) workflows for remote teams
- Fielded technical questions in meetings with client investors
- Led remote teams in weekly and ad-hoc scrum meetings
- Consulted on master's curriculum courseware for the University of Florida
- Developed software for an experimental medical application

Senior Engineer - NowSecure (2012 - 2016)

- Performed full-time development on a large-scale NodeJS application built on Express, MongoDB, leveldb, redis, and nsq
- Developed both proprietary and open-source npm modules
- Occasionally performed internal webapp security audits

Adjunct Lecturer, Graduate Division - University of Florida (2013 - 2014)

- Created course curriculum covering HTML5, CSS3, responsive design, and JavaScript
- Used Adobe Connect to lecture graduate students located worldwide
- Led in-class programming workshops
- Assigned and graded student homework and projects

Lead Developer - KAR Media (2010 - 2012)

- Oversaw a network of hundreds of Wordpress blogs
- Performed incident response on dozens of hacked blogs
- Refactored several large, legacy webapps
- Authored multiple large and complex Wordpress plugins
- Wrote several proprietary database transformation tools
- Wrote a custom search engine for a couponing webapp
- Optimized page-load times on high-traffic webapps
- Optimized several webapps for mobile devices
- Recruited, interviewed, hired, and managed junior developers and designers

Consultant/Programmer - Freelance (2009 - 2010)

- Performed sub-contracted webapp development for Apple
- Performed webapp development and provided on-site support for ISTE2010
- Performed webapp security audits in the public and private sectors
- Implemented dozens of client websites

Lead Developer - Ozean Media (2008 - 2009)

- Created a web division within a company previously focused on traditional media
- Implemented an agile development process
- Researched, selected, and implemented internal tools
- Wrote an in-house lead-generation tool
- Met with clients to design solutions per business requirements
- Performed full-stack LAMP and Python/Django development
- Performed system administration on Linux web servers
- Recruited, interviewed, hired, and managed other developers
- Implemented dozens of client websites

Technical Instructor - New Horizons (2007 - 2008)

- Lectured up to 20 students for 8+ hours daily
- Lectured extensively on relational database design and SQL programming
- Periodically lectured on HTML, CSS, JavaScript, and PHP programming
- Developed in-class exercises and study materials

Managing Member - Digital Daydreams Studios (2006 - 2007)

- Managed a small web shop with two partners
- Found and met with clients
- Met with clients to design solutions per business requirements
- Performed full-stack LAMP development

Education

Bachelor of Arts: Asian Studies (2006)

University of Florida

Associate of Arts (2001)

Santa Fe College

Certifications

Zend Certified Engineer (2009)

PHP 5 ([view certificate](#))



Amazon Web Services

Certified Cloud Practitioner ([view certificate](#))

