

# Jay Lyerly

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This is where you have your statement, that describes who you are and what you're looking for. Hopefully it's not cliché and it stands out in a good way

## Skills

programming devops databases containers linux systems administration webservers  
project management system architecture & design entrepreneurship load/stress testing WordPress

**Programming:** Lua, Haskell, Erlang, Go, Javascript **Databases:** MySQL, Postgres, sqlite, SQL Server, Oracle, Pick **Linux:** Gentoo, Alpine, CentOS, Ubuntu, Debian **DevOps:** Ansible, Chef, Kubernetes, etc.

## Experience

### Owner, SonicBunny Software — [sonicbunny.com](https://sonicbunny.com)

2009 - Present, Apex, NC

- Contract work for client
- GlowWorm

### CTO and Founder, Oak City Labs

2014 - 2023, Apex, NC

- Led a team of developers building custom solutions for a wide variety of clients. In nine years, we successfully completed projects for 14 clients.
- Working with the sales team and potential clients, explored the intricacies of future projects to create detailed estimates and help the clients feel understood.
- Met with clients at least weekly to talk through issues and review beta releases as part of our iterative software development process.
- Support client through their initial product launch including release to the App Store.
- Served as lead iOS developer on all iOS projects and lead Python developer on others.
- Guided the technical culture of the company to focus on collaboration, peer review, testing, automation and technical excellence.
- Design the technical architecture for each project with an eye towards the business goals of the client. As part of the design, identify the biggest technical hurdles so they can be addressed first and pivot if necessary.

**Technologies used:** Tell people about the languages, apps, technologies you used to succeed at this job.

### Lead iOS Developer, StepLeader

2013 - 2014, Raleigh, NC

- Led a team of three developers building a white label news app used by 60+ news agencies across the country.

**Technologies used:** Tell people about the languages, apps, technologies you used to succeed at this job.

### Senior Mac Developer, Computational Engineering International

2002 - 2013, Apex, NC

- Originally hired as a IT manager, I grew into a Senior Developer role.
- Acted as release and testing engineer, implemented automated testing and release pipeline on 8 platforms, ensuring stability and reproducibility in the release process.
- Ported the application suite to the Mac OS X as Apple transitioned to OS X and then to Intel hardware. I grew the Mac user base from zero to 15-20% of the total user base including some of the biggest contracts at the company.

**Technologies used:** Tell people about the languages, apps, technologies you used to succeed at this job.

## Volunteer Work

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### Triangle Rabbits - [trianglerabbits.org](http://trianglerabbits.org)

- Companion rabbit animal rescue
- Board Member and President

## Projects

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### *Personal Blog* (2021-present)

- Authored a series of articles covering a wide variety of topics and tools related to technology like PHP, WordPress, Ruby, Linux, Docker, and Privacy.

## Education

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### Masters of Science in Physics, North Carolina State University

- 2002, Raleigh, NC
- Focus on Astrophysics and High Performance Computing
- Minor in Mathematics

### Bachelors of Science in Physics, North Carolina State University

- 1997, Raleigh, NC
- Minor in Mathematics, Computer Science

### High School Diploma, North Carolina School of Science and Mathematics

- 1993, Durham, NC