

Nathaniel Compton

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www.nathanielcompton.com • Atlanta, GA

Experience

Software Engineer • *BlueFletch Mobile* • Aug 2016 - Aug 2017 • *bluefletch.com*

Mobile and web solutions for B2B and enterprise, with a personal specialization in application program interface design and database architecture. Emphasis on Android, iOS, rugged mobile devices, IoT engineering, and security.

- Develop RESTful web services for mobile and web (Node.js / Javascript, Java)
- Integrate applications with both onsite and cloud services (Microsoft Azure, AWS)
- Database management and ETL processes (MySQL, PostgreSQL)
- DevOps duties included: maintain multiple app environments, continuous integration (Jenkins), version control (Git), establishing code pipeline (BitBucket), project issue/bug tracking (JIRA, Trello), office networking and infrastructure
- Numerous one-off projects involving: 3D printing, Raspberry Pi/Arduino, RFID/NFC, WebRTC, wearables, data analysis of projects, weekend hackathons
- Student mentorship and community outreach programs

Software Engineer • *Florida DEO* • Mar 2015 - Aug 2016 • *www.floridajobs.org*

API developer and database architect for Florida's Department of Economic Opportunity "FIRRE" project. Created a rules engine to identify and report fraud.

- Implement RESTful web interface (Python, Flask)
- Develop micro services architecture for third-party applications (Python, Go)
- Construct Apache Cassandra prepared CQL statements, Apache Solr queries, database migration and verification scripts
- Provide technical input for business analysts and project management

Principal • *Compton Tech Solutions* • Jan 2009 - Present

Contracted software development, STEM advocating and mentoring, Technology modernization, Political resource gathering and analysis, Identity and branding

Related Skills And Proficiencies

Languages: Python, Javascript, Java, Go, SQL, CQL, HTML, CSS

Libraries/Frameworks: Django, Flask, Node.js, React, React-Native, Tensorflow

DevOps: Amazon AWS, Microsoft Azure, Jenkins, JIRA, Trello, MySQL, PostgreSQL, Cassandra, Solr, DataStax Enterprise

Other: OSX, Windows, Linux, Apache, nginx, Shell script, Microservice architecture, Service-oriented architecture, Git

Education

Academic/Technical Training:

- Florida State University - B.A. Theatre
- Tallahassee Community College - A.A.
- Google Developer Training Program
- MITx Online Computer Science Program

(github.com/nathanielcompton • [linked.com/in/nathanielcompton](https://www.linkedin.com/in/nathanielcompton))