

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
- Employ agile methodologies to deliver high-caliber code and detailed documentation for teammates and clientele
- Numerous one-off projects involving: 3D printing, Raspberry Pi/Arduino, RFID/NFC, WebRTC, wearables, data analysis of projects, weekend hackathons
- High-school 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 unemployment benefits fraud for the state of Florida.

- Implement RESTful web interface (Python, Flask)
- Develop microservice 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

Education

Intermediate proficiency:

Node.JS frameworks, Python frameworks, Apache (Cassandra, Solr), nginx, Android Studio, Google Play Developer Portal, iTunes Connect Developer Portal, Linux, OS X, Windows, Android, iOS, Adobe Creative Suite, Zeplin, Sketch, OmniGraffle

Working proficiency:

Java, React, React Native, Xcode, Fastlane, Redis, Docker

Academic/Ongoing Training:

- Florida State University - B.A. Theatre
- Tallahassee Community College - A.A.
- Google Developer Training Program

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