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Employment

North Carolina Agricultural & Technology State University

JAN 2021 – Current, Greensboro, NC (Remote)

- As a freelancer, I utilized PHP and Angular to create an application enabling transfer students to evaluate their previous college credits.
- As a full-time employee, I work on specialty projects involving anything from third party API integrations to complete web applications. The language of choice for these applications is dependent on the needs of the requestor and varies between PHP, Golang and Java.

GDIT

SEP 2022 – APR 2023

- Helped architect and rewrite web applications for the Environmental Protectional Agency using Spring Boot and Vue.js. My primary duties were to design backend APIs that could be processed by a front end framework, creating Postgres and MySQL backends for application storage and creating new pages utilizing Vue.

Duke Energy

NOV 2019 – SEP 2020, Charlotte, NC

- Joined a team in charge of updating the software that coordinated the build and repair of power lines within Duke's power network.
- Extensively used SQL Server, Angular 7 for front-end components and Java 8+ with Spring Boot for API development. Also used third party APIs such as Apigee for modular login management.

Blue Cross, Blue Shield of Michigan

DEC 2018 - MAY 2019, Detroit, MI (Remote)

- Ported an LDAP-based retirement application to a fully open source solution using simple HTML, Javascript, and open-source Adobe Coldfusion equivalent Lucee to consume SOAP-based APIs.

Wake Forest Baptist (and other contracts)

FEB 2018 - OCT 2018, Winston-Salem, NC

- After a few smaller contract roles, I took on a project with this company to develop an iPad friendly interface for nurses to collect the results of clinical trials. This application was a responsive full-stack web application utilizing common technologies such as: SQL Server and Javascript. As the university's primary stack was based on Adobe's ColdFusion, I used that platform to develop a backend capable of managing the clinical trial data.

North Carolina Central University / Web Developer

JAN 2016 - OCT 2017, Durham, NC

- Worked with ColdFusion to write extensions for and improvements to the school's hand-built CMS. Also built numerous full-stack applications for the campus with Javascript, PHP and Coldfusion.

Skill Set

- 7 years – Vanilla JS (ES5+) development, including Angular, Vue.js and jQuery
- 3 years – Java development (Spring Boot, native Android, and web server module development)

- 7 years – SQL of all dialects, including MySQL, Postgres, Microsoft SQL Server & Oracle
- 3 years - PL/SQL
- 3 years – Golang for backend services
- 3 years – Coldfusion (rarely used today)
- 6 years – C, C++ and Lua development (non-professional)
- 2 years - Dart/Flutter development for mobile and web applications

Interests & Open-Source Work

- Created a scholarship search mobile app for returning college students called Missed Steps. This is live in both Play and iOS stores and can be accessed by visiting the project's home page at <https://missedsteps.org>
- Created briggs, a database and flat file program for ETL. (<https://github.com/ramar-work/briggs>)
- Writing and maintaining the hypno web server, a web and application server written in C using Lua for the evaluation of business logic (<https://github.com/ramar-work/hypno>)
- Volunteered as an assistant coach for Let Me Run, a non-profit organization teaching young boys how to reach their physical potential via running. (See more at <https://letmerun.org>)
- Volunteered as a teacher for Black Girls Code, a non-profit teaching women of color to code in Durham, NC (See more at <https://bgc.unc.edu>)