

# GREG PETROPOULOS

Raleigh, NC 27608

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[Linkedin](#) | [GitHub](#) | [Blog](#) | [Portfolio](#)

## EXECUTIVE SUMMARY

Mr. Petropoulos has over 20 years of experience including serving in the military and working within industry as a Front End React / React Native Developer. He has over 3 years of deep experience using REACT as a development platform. Over the past 3 years he has developed over 60 projects using REACT. He possesses a strong knowledge in HTML/CSS and in depth knowledge in leveraging JavaScript/React Native ecosystem and Web API's to solve dynamic UI challenges. He is extremely adapt in translating the technical jargon to business requirements. Always eager to learn, collaborate, and drive completion. His key development skills include:

- Pragmatic design and development of responsive web applications with functional programming
- Stylistic and functional UI/UX, use of multiple API's, third party integrations & database models.
- Solution oriented, met timelines and managed project/client expectations.

## TECHNICAL SKILLS

**Technologies: MERN (MongoDB, Express, React, Node) Stack**

React, React Native, Redux ToolKit, JavaScript, TypeScript, JSX, HTML5, CSS3, Bootstrap, Materialize, TailwindUI, Git, Node.js, Express.js, MongoDB, Mongoose, AWS CloudWatch, Azure, GraphQL, Umbraco, Contentful, Strapi, Gatsby, React-Query, Cypress, Playwright, CI/CD

## PROJECTS

**Cornerstone & JHM & Mobile App** (Private Azure Repo)

- React Native Website Context API with C# backend and Umbraco CMS, Bootstrap, SCSS, and deployed CI/CD on Azure via git.
- Legacy code migration from React to a single code base of React Native
- React Native mobile app released 11/1/23.

**Ecommerce Fashion Shop** (Github Link)

- Created a base template e-commerce platform application with a full-featured shopping cart with PayPal & credit/debit payments.
- React, Redux, Redux Toolkit, Express & MongoDB.
- Overcame backend logic with express and middleware, state management of cart status for unauthenticated users

**IT Logger** (Github Link)

- Full stack internal IT Department MERN app with API calls, authentication, and validation, search mechanism, and CRUD operations. Utilized Model View Controllers, Mongoose ORM, JSX, HTML, Materialize UI
- Protected routes and endpoints with JSON Web Tokens, Redux for app state management and testing with Redux Chrome extension, creating actions and reducers for resources, creating a build script, secured keys, and deployed to Render with git commands

**Fall In** Hackathon for veterans mental health. **Deployed** and **Github Group Repo**

- Created a crawler to utilize the VA API Platform, led the team to a 1st place victory

## RELEVANT EXPERIENCE

### React/React Native John Hagee Ministries

2022 – Current  
San Antonio, TX

Met stakeholder design standards for iOS, Android and web view utilizing **React/React Native** in several environments. Throughout CI/CD enhanced and debugged code base. Accomplished quarterly goals independently and remotely.

#### *Key Accomplishments:*

- Migrated several websites from React and HTML to **React Native** and reduced technical debt
- Developed theming architecture for applications and improved performance in **React Native**
- Created C# Components models from Content Management System (umbraco)

### Developer Support Engineer Constellation Digital Services

2021 – 2022  
Raleigh, NC

On the Constellation Platform, developed and enhanced services and technical content, cultivated relationships with credit union developers and 3rd party developers. Support applications deployed onto the platform.

#### *Key Accomplishments:*

- Manual code review of frontend and backend applications in Java, Typescript, JavaScript, React
- Certified applications uploaded to the platform lower environments prior to staging API handoff
- Developed internal platform applications, vetted, debugged and expedited jira tickets,

### Data Analyst University of Nevada, Las Vegas

2016 – 2017  
Las Vegas, NV

Conducted multiple experiments on rock core samples to quantify stress and strain relationships under high pressure and temperature controls. Analyzed crystallography results and interpreted data into a linear regression Excel/Python model from databases. Presented findings to non scientific audiences.

#### *Key Accomplishments:*

- Model results from the quartz novaculite found in Shell Oil exploration field
- Multiple experiments and testing led to 50% deformation
- Secured funding from American Association of Petroleum Geologist and DOD

## ADDITIONAL EXPERIENCE

### Sales Manager Evergreen Foam & Insulation

2019 – 2021  
Raleigh, NC

- Integrated a new Customer Relationship Manager software (BuilderTrend) to increase workflows, sales process, and project management.
- Sold contractual agreements for raw materials and install.
- Self studied HTML, CSS, Javascript, **React** nights and weekends

### Sales Specialists/Field Engineer Baker Hughes, a GE Company

2018 – 2019  
Midland, TX

- Sold Diamond and Tricone Drill bits and services to 28 drilling contractors such as Chevron, Shell, Nabors, Precision Drilling
- Handled explosives and geologic formation evaluation for hydraulic fracturing targets and production zones
- Operated heavy equipment, hand tools, and 50 ton Terex crane

**Researcher**  
**Sustainable Development Strategies Group**

2015–2016  
Remote

- Remotely managed databases and validated collected data for reports, manuscripts, and presentations and executed multivariate statistical analysis of mining effects on agriculture vs. impacts on local populations

**Military Service-United States Marine Corps.**  
**Honorable Discharge**

- Developed rapid methodical decision-making in a high stress, time sensitive environment and resolved field challenges by locating resources and effective communication through the chain of command.
- Established small team squad leadership and indirect mortar fire and air support for line platoons

## **EDUCATION**

**Certificate in Full Stack Web Development:**

University of North Carolina Charlotte, Charlotte, NC

- A 24-week intensive program focused on gaining technical programming skills in **React**, HTML5, CSS3, JavaScript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handlebars.js

**Bachelor of Science in Geosciences:**

University of Nevada, Las Vegas, Las Vegas, NV

- A rigorous and challenging program academically and field based. Enter a new field area, construct a geologic map on a topographic base using field methods, interpret the geologic history using scientific methods and write a professional scientific report on said area. Complete a geophysics survey. Presented findings based on supporting facts and measurements.