**Greg Petropoulos**

Raleigh, NC 27608

Phone: 919.717.2680 | Email: [**gregpetropoulos@yahoo.com**](mailto:gregpetropoulos@yahoo.com)

[**Linkedin**](http://bit.ly/Greg--Linkedin) | [**GitHub**](http://bit.ly/Greg-GitHub) | [**Blog**](https://gregpetropoulos.medium.com/) **|** [**Portfolio**](https://gregpetropoulos.dev/)

**Summary**

A user focused Full Stack Web Developer with a background as developer support engineer and geosciences. Always eager to learn, collaborate, and drive completion.

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

**Technical Skills**

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

React, Redux, JavaScript, JSX, HTML5, CSS3, Bootstrap, Materialize, Tailwind, Git, Node.js, Express.js, MySQL, MongoDB, Mongoose, Handlebars. jQuery, Java, Typescript, AWS CloudWatch

**Projects**

[**Dev Squad**](https://bit.ly/DEVSQUAD)

**source-**[**https://bit.ly/Greg-DevSquad**](https://bit.ly/Greg-DevSquad)

* Full stack social media MERN app, rich API calls, authentication, and validation.Utilized Model View Controllers, Mongoose ORM, JSX, HTML, Bootstrap 4
* 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 Heroku with git commands

[**IT Logger**](https://bit.ly/IT-Logger)

**source-**[**https://bit.ly/GH-IT-Logger**](https://bit.ly/GH-IT-Logger)

* Full stack internal IT Department MERN app with API calls, authentication, and validation, search bar. 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 Heroku with git commands

[**Excavation Website**](https://bit.ly/GP-Excavation)

**source-**[**https://bit.ly/Greg-Excavation-Business**](https://bit.ly/Greg-Excavation-Business)

* Full stack MERN app business website, API calls, utilized Model View Controllers, JSX, HTML, Bootstrap, spring-react, framer motion and EmailJS.
* Stable routes and endpoints, testing, mobile responsive, deployed to Heroku with git commands

**Relevant Experience**

**Developer Support Engineer** 2021 – Present

**Constellation Digital Services** 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, and JavaScript languages
* Vetted and expedited jira tickets
* Increased workflow of initial application upload to platform for certification/security and staging API handoff

**Data Analyst** 2016 – 2017

**University of Nevada, Las Vegas** 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 model from databases. Presented findings to non scientific audiences.

*Key Accomplishments:*

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

**Additional Experience**

**Sales Manager** 2019 – 2021

**Evergreen Foam & Insulation** Raleigh, NC

* Integrated a new Customer Relationship Manager software (BuilderTrend) to increase workflows, sales process, and project management.

**Sales Specialists/Field Engineer**  2018 – 2019

**Baker Hughes, a GE Company** Midland, TX

* Handled explosives and geologic formation evaluation for hydraulic fracturing targets and production zones

**Researcher**  2015–2016

**Sustainable Development Strategies Group**  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 leadership and cohesion

**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.