

# GREG PETROPOULOS

Raleigh, NC 27608

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

## SUMMARY

A user focused React Full Stack Web Developer with a background as developer support engineer, geosciences, and military service. 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 Toolkit, JavaScript, JSX, HTML5, CSS3, Bootstrap, Materialize, TailwindUI, Git, Node.js, Express.js, MySQL, MongoDB, Mongoose, AWS CloudWatch

## PROJECTS

### [Support Desk Services](#)

#### [Github Link](#)

- (MERN) React Redux Toolkit full stack application with JWT authentication, CRUD operations, protected routes, NoSQL database, Mongoose ORM, Model View Controllers, TailwindUI, and deployed CI/CD on Heroku via git.

### [Dev Squad](#)

#### [Github Link](#)

- 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](#)

#### [Github Link](#)

- 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

## RELEVANT EXPERIENCE

**Developer Support Engineer**  
**Constellation Digital Services**

2021 – Present  
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, developed internal platform applications
- Increased workflow of initial application upload to platform for certification/security and staging API handoff

**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 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**  
**Evergreen Foam & Insulation**

2019 – 2021  
 Raleigh, NC

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

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

2018 – 2019  
 Midland, TX

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

**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 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.