**Greg Petropoulos**

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**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 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 paradigm
* Stylistic and functional UI/UX, use of multiple API’s, and 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, JSX, HTML5, CSS3, Bootstrap, Materialize, TailwindUI, Git, Node.js, Express.js, MongoDB, Mongoose, AWS CloudWatch, Azure,

**Projects**

Since 2019, Mr. Petropoulos has designed, developed and implemented 60 React projects on Github. Below presents a sampling of the type of React projects developed over the last 3 years.

[Support Desk Services](https://supportdesk-8110.onrender.com/)([Github Link](https://github.com/GregPetropoulos/SupportDesk))

* (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 Render via git.

[Dev Squad](https://devsquad-g4t4.onrender.com/) ([Github Link](https://github.com/GregPetropoulos/Dev-Squad))

* 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 Render with git commands

[IT Logger](https://it-support.onrender.com/)([Github Link](https://github.com/GregPetropoulos/IT-Logger-App))

* 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 Render with git commands

**Relevant Experience**

**React/React Native** 2022 – Current

**John Hagee Ministries** 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 in React Native
* Created C# Components models from Content Management System (umbraco)

**Developer Support Engineer** 2021 – 2022

**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, 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** 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 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** 2019 – 2021

**Evergreen Foam & Insulation** 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**  2018 – 2019

**Baker Hughes, a GE Company** 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**  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.