

TRE HILL

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PROFESSIONAL PROFILE

Accomplished Software Engineer with over three years of experience with developing websites, working with multiple APIs, analytic tracking, third-party integrations, databases, and well versed in working on highly collaborative teams.

Experience includes:

- Software development experience creating relational database schemas, functions, and procedures using PL/SQL and .NET applications that use APIs to send text messages (Twilio) and emails (SendGrid(Twilio)).
 - Full stack web development experience building complex applications using HTML5, CSS3, .NET, C#, JavaScript, and SQL, which included developing a scheduling software, a notification reminder system and an internal quality control system from the ground up.
 - Provided technical guidance and oversight to database analysts and software developers for issues with database or web application issues.
 - Developed a code review and application deployment system, provided quality assurance and quality control, and participated in code reviews, including applying bug fixes and enhancements to existing solutions.
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TECHNICAL SKILLS

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|---------|--------------|----------|-------------|-----------|
| • HTML5 | • JavaScript | • Nodejs | • AWS Cloud | • ASP.NET |
| • CSS3 | • MVC | • React | • Kendo-UI | • Python |
| • C# | • AJAX | • JSON | • GIT | • PL/SQL |
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EDUCATION

Associate of Science: Computer Programming, Wake Technical Community College – May 2018
National Honor Society

PROFESSIONAL EXPERIENCE

Utility Metering Solutions (UMS), Raleigh, NC

Feb 2019 – Present

Full Stack Developer/ Programmer Analyst I (Apr 2020 – Present)

- Performed full-stack development with modules on both frontend and backend processes, enhancing the application's features to effectively fix the bugs and optimize the overall performance, reliability, and efficiency.
- Participated in the development of an automated notification system using Twilio (SMS) and SendGrid(Email).
- Worked with Project Managers, the Professional Services team, and customers in requirements gathering for the website and assisted with the Project Design and Project Plan documents.
- Implemented and designed widgets and developed customer-facing web applications for a web-based Work Order Management System (WOMS), using ASP.NET, JavaScript/jQuery, HTML, PL/SQL and CSS.
- Created a backend API in .NET for a scheduling system for the WOMS that connected to an Oracle DB to call functions and procedures to get, update, and save appointment details.
- Developed data-formatted web applications and deployed the script using client-side scripting using JavaScript.
- Used Object Oriented Programming concepts to develop UI components to be reused across the Web Application.
- Created Responsive Designs (Desktop) using HTML, CSS, and Bootstrap.
- Utilized GIT for version controlling and regularly pushed the code to AWS Code Commit.
- Interacted with the Testing Team, Scrum Masters, Business Analysts, and customers to fix issues.

Database Analyst I (Aug 2019 – Apr 2020)

- Analyzed, enhanced, and developed streamlined business processes, working with users and other developers to determine the requirements and configuration.
- Implemented construction of databases for new sites, sustained and maintained its tables and processes, and unerringly backed-up and archived them upon site completion.
- Created processes to automate the continuous import of client data and run validation scripts to compare data.
- Reconfigured and repurposed an Issues Tracking system to be more efficient.

Systems Integration Specialist (Feb 2019 – Aug 2019)

- Participated in the integration of the Advanced Metering Infrastructure (AMI) to a Meter Data Management system.
- Facilitating the AMI software setup and timeline and facilitating integration testing with vendors.

- Performed end-to-end AMI-CIS billing system integration troubleshooting, documented the end-to-end functional test, data validation results and the AMI billing process, and created the final systems integration documentation.