

## Professional Summary

Innovative and results-driven software developer with a Bachelor's in Computer Science specializing in Data Analytics. Proven expertise in full-stack development using Angular CLI, MEAN stack, React Native, and React to deliver scalable, user-focused web and mobile applications. Skilled in analyzing complex datasets with Python and R, and experienced in database management with MySQL, MongoDB, and NoSQL. Adept at integrating cutting-edge technologies like machine learning and secure APIs into dynamic applications, with a strong track record of delivering robust, compliant, and user-friendly solutions. Passionate about leveraging technical expertise to solve real-world problems and drive business success.

## Portfolio

## Education & Certifications

- BS in Computer Science - Data Analytics
- Machine Learning with Keras Professional Certificate
- Google Coursera Certificate for Professional Data Analyst
- IT and Automation with Python Professional Certificate

## Core Skills

- **Programming & Frameworks:** Python, JavaScript, C++, R, Angular, React, React Native, Node.js, Kotlin, PHP, C#.NET.
- **Databases & Tools:** MySQL, MongoDB, SQLite, Tableau, PowerBI, MatLab, NoSQL.
- **Software & Development:** Git, HL7, EHR systems, Microsoft 365, Google Workspace
- **Machine Learning:** Keras, TensorFlow.
- **Technologies:** REST APIs, FHIR, HIPAA compliance, Azure.

## Work Experience

### **Resilient Healthcare**

#### **Software Developer | Data Reporting & Analyst**

- Developed and integrated MySQL databases with Mirth and FHIR services, enhancing patient data accuracy and reporting efficiency, while ensuring HIPAA compliance.
- Spearheaded bi-directional data integration between healthcare organizations, leveraging FHIR and Taxi EMR for seamless data sharing.
- Strengthened security by implementing a HIPAA-compliant Azure VM, safeguarding sensitive patient data.
- Generated actionable insights using PowerBI, driving data-informed decisions in patient care and financial management.

### **Hobby Inc.**

#### **Full-Stack Developer | Owner**

- Designed and deployed cross-platform mobile applications using Swift, React Native, and JavaScript, integrated with a MySQL backend.
- Developed responsive and accessible user interfaces, enhancing user satisfaction and engagement.
- Streamlined backend infrastructure, including API development and database optimization, for improved application performance.
- Delivered regular updates and resolved technical issues, ensuring continuous service reliability.

### **Williams Racing Academy**

#### **Biometric Data Analyst**

- Conducted advanced analyses of biometric data, optimizing training protocols and improving client performance metrics.
- Collaborated with clients to implement data-driven training strategies, resulting in a 15% increase in podium placements.
- Provided technical training solutions to enhance athlete performance, leveraging data for measurable outcomes.

### **Cibolo Fire Department in Cibolo, TX**

#### **Driver/Operator & Fire Training Officer**

- Applied critical problem-solving in high-pressure environments, ensuring optimal operational responses.
- Designed and implemented training programs, improving team performance and response times.
- Optimized resource allocation and decision-making processes, contributing to a 20-second reduction in response times per call.

## Key Projects

- **Healthcare Data Integration Platform:** Led the integration of secure APIs for patient data exchange, achieving a 30% reduction in manual errors.
- **Cross-Platform Mobile App Development:** Built user-friendly applications for Android and iOS, increasing user adoption by 40%.
- **Biometric Analysis System:** Developed algorithms to process large datasets, enhancing predictive analytics capabilities.

## Why Hire Me?

With a strong foundation in software development and data analytics, I bring a unique blend of technical expertise and a results-oriented mindset. I thrive on solving complex problems, creating scalable solutions, and contributing to team success in dynamic environments. My diverse background in healthcare IT, app development, and data visualization positions me to add immediate value to your team.