

Carlton Payne III

(TS Clearance w/Poly)

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Objective: To leverage my extensive full-stack development expertise to contribute to innovative projects and drive significant results within a challenging senior-level role.

Education

South Carolina State University –Orangeburg, SC

Bachelor of Science in Computer Science GPA 3.8

Experience

TrideaWorks

Senior Lead Application Developer- Full stack

July 2013 –Present

Technical Skills: Node.js, C#, Java, JavaScript, jQuery, HTML5, CSS3, TypeScript, Google Maps API, Electron, .Net, MVC3, J2EE, XML, VB.net, SQL, P-SQL, T-SQL, SQLite, Bootstrap, React, KML, C++, TensorFlow, Elastic, REST, XAML, Razor, Google API, Google Cloud, JSON, AngularJS, AJAX, MySQL, Electron, Microsoft Visual Studio 2022, Android Studio, Unity, XCode, VScode, Microsoft SQL Server, Sublime, Git, SVN, JIRA, SharePoint, Team Foundation, DB Browser, DevOps

- **Project Management & Leadership:**

- Team Management: Managed five developers across 12 different projects simultaneously using JIRA, Sharepoint and DevOps.
- Project Ownership: Acted as project owner for 8 projects, encompassing prototyping, brainstorming, client interfacing, cost analysis, execution, and follow-through.
- Created roadmaps and storyboards for each project to help with vision, follow-through and clients expectations.
- Fostered a collaborative and creative team environment focused on overcoming challenges.

- **Leadership & Training:**

- Led weekly developer meetings to address challenges and blockers.
- Led the effort to integrate software with Five Eyes agencies.
- Provided on-site training and subject matter expertise (SME) to law enforcement clients nationwide.
- Trained classes on Call Detail Records, Social Media Warrant Returns, and Geolocation Awareness.

- **Full-Stack Development:**

- Developed and maintained over 7 mobile applications, websites, and VMware applications using a variety of technologies (C#, SQL, HTML, JavaScript, React, React Native, Node.js, TypeScript, ASMX, AJAX). Successfully migrated .NET projects to Node.js, leading a team conversion effort.
- Created a high-traffic MVC application, increasing user base from 2000 to over 50,000 in 5 years through development and UI/UX redesign.
- Developed a batch processing application for cellular records using C#, SQL, HTML, and JavaScript.
- Built an application Node.js to parse HTML and PDFs, storing data in a SQLite database, performing analysis, and presenting results in a user-friendly UI/UX.
- Created Android applications for body wire communication with storage devices and for recording, updating, and configuring live communication wire applications.
- Developed a React Native application displaying an informational portal for clients.
- Created a visual front-end for social media analysis using React and TypeScript.
- Developed a mobile application to collect cellular tower information, SMS, phone calls, audio, and video.
- Created a cloud service using ASMX, AJAX, and C# to interface between a Windows Forms application and SQL Server for batch processing.

- **AI & Machine Learning:**

- Led the creation of a sentiment analysis tool to identify sensitive content (drugs, self-harm, terrorism) in text conversations.
- Developed an AI chatbot Node.js for legal request training, used by over 3,000 law enforcement partners.

Booz Allen Hamilton Senior Applications Developer- Full Stack Jan. 2011-July 2013

Technical Skills: Java (J2EE), Android SDK, BlackBerry SDK, HTML5, JavaScript, MVC, C#, Google Earth Enterprise, Google Fusion Tables, JIRA.

**Mobile & Web Application Development:
Project Management & Leadership:**

- **Team Management:** Managed and led a team of three developers using the JIRA ticket system.
- **Client Support:** Provided on-site training, assistance, and subject matter expertise (SME) to clients during support missions.
- **Training & Presentations:** Conducted monthly training classes and hosted webinars on BlackBerry, Android, and web applications.

Integration & Infrastructure:

- Led the integration of Google Earth Enterprise and Fusion Servers into production environments.
- **Mobile Application Development:** Developed and maintained over 14 mobile and web applications for BlackBerry and Android platforms using Java (J2EE), focusing on location-based services, data collection, and secure web service integration. Applications collected diverse data types including cellular tower information, SMS, phone calls, audio, video, pictures, and screenshots.
- **Web Application Development:** Created a web service using MVC, JavaScript, and HTML5 to collect configuration, geolocation, and error log information for major government events and activities. Supported and maintained an application user base of 2,000 users.
- **Location Services:** Developed applications capable of obtaining location information even without GPS data. Utilized location criteria to report information and configuration settings to secure web services.
- **Data Analysis:** Developed a C# application to perform analysis on cellular tower information.

Savannah River Nuclear Solutions Application Developer Jan. 2009 –Dec. 2010

Boeing Application Developer/Analyst Intern May 2008 -Aug. 2008

Toyota Application Developer/Network Engineer Intern June 2007-Dec. 2007

Hobby Projects

Technical Skills: (Node.js,Java, Swift, Kotlin, Objective-C, AI development, Machine Learning, Game Development, UI/UX Design)

- **High-Impact Applications:**
- **Election Map 2024:** Created an interactive election map application downloaded 58,000 times across Android, iOS, and Amazon platforms, reaching #12 in the Apple App Store News category.
- **AI Development:** Created "Hey! Carlton," a standalone AI assistant trained on 10 years of personal code, 20 coding books, and ChatGPT, providing assistance with coding, home repair, electric car repair, Disney trivia, marketing, and cooking.
- **Educational App Development:** Extensive experience developing engaging and educational mobile applications for children, focusing on literacy, numeracy, and cognitive skills.
- **MD Technical School Inc.:** Developed a comprehensive Learning Management System (LMS) incorporating tuition management, student grade tracking, lecture video hosting, and AI-powered testing (Gemma model)