Treyten Carey • Gretna, NE • (308) 390-8462

treytencarey@gmail.com • https://treytencarey.com

Summary

Software Engineer with over 10 years of experience delivering scalable, high-performance web applications across diverse industries. Equally effective at working both independently and collaboratively within cross-functional teams. Rapidly adapts to new tools, technologies, and workflows to drive project success. Motivated by curiosity, craftsmanship, and teamwork.

Education

University of Nebraska Omaha • BS in CS

Technical Skills

Programming Languages: JavaScript, TypeScript, Java, C++, C#, Objective-C, Visual Basic, ColdFusion, Ada, CSS

Frameworks & Libraries: Vue, Angular, React, Bootstrap, XHTML, HTML, CSS, Node.js, REST, CDI, JSON, XML, Sockets, TestNG, JNI

Tools & Platforms: Gradle, Groovy, Jenkins, TestNG, Docker, Ansible, XCode, Android Studio, AWS, SSL, n8n

Databases: Oracle SQL, MSSQL, SQLite

Version Control & Collaboration: Git, SVN, Jira, Trello

Professional Experience

Software Engineer • Conductix-Wampfler • Omaha, NE • *2024.6 – 2025.7*

- Developed dynamic, reusable web components and RESTful services using ColdFusion, integrated with JavaScript, HTML, and CSS to create responsive and efficient user interfaces.
- Collaborated closely with a small agile team of 6 members, partnering closely with QA to ensure robust and reliable software delivery.
- Utilized front-end frameworks such as Angular, Vue, and Kendo.

Developer, Founder • Hello World, LLC • Omaha, NE • *2017.2 – present*

- Delivered SaaS products utilizing C++, Java, and C# with integration of JNI and SQLite for efficient data management and cross-platform functionality.
- Developed and maintained secure licensing verification APIs.
- Built and deployed native mobile applications using Objective-C with XCode for iOS and Java with Android Studio for Android, successfully publishing apps to both the Apple App Store and Google Play Store.
- Utilized Gradle for automated build and deployment processes.
- Leveraged cloud services to support scalable and reliable SaaS infrastructure.
- Executed digital advertising campaigns and implemented SEO strategies to increase brand visibility, organic traffic, and user acquisition.

Lead Programmer • Convergence Studios • Remote • *2022.4 – present*

- Led gameplay development in Unreal Engine using C++ to create player abilities, core mechanics, AI behaviors, and interactive user interfaces for a MOBA-style PvP game.
- Configured and maintained scalable dedicated game servers to support seamless multiplayer gameplay and optimal performance under high player concurrency.
- Designed and developed a custom company website leveraging React and NodeJS.
- Integrated Google Analytics into the website to gather actionable market research data and drive informed business decisions.
- Automated AI-powered summarization of Google Analytics insights using n8n workflows, connected to a Discord bot for delivering scheduled performance updates and strategic suggestions to the team.

Software Engineer • TEKsystems (Northrop Grumman) • Omaha, NE • *2022.11 – 2024.6*

- Performed full-stack development using Angular and Java, designing and implementing RESTful services with comprehensive testing using TestNG.
- Conducted regression testing on legacy applications to ensure stability and maintainability of mission-critical software.
- Configured and managed CI/CD pipelines using Jenkins, Docker, and Ansible to automate build, test, and deployment processes.
- Developed and optimized database queries and procedures in Oracle SQL.
- Followed formal code review processes for major design implementations, delivering demoable solutions to clients and incorporating their feedback to refine features.
- Held Top Secret clearance, ensuring compliance with stringent security protocols in all software development activities.

Software Engineer • BHMI • Omaha, NE • *2017.1 – 2022.11*

- Developed full-stack banking software applications using Java, C++, Angular, NodeJS, XHTML, JavaScript, and Bootstrap, delivering robust front-end and back-end solutions successfully released to customers.
- Implemented data exchange and integration using JSON, XML, and CDI to ensure seamless communication between banking services and systems.
- Collaborated closely with cross-functional teams including requirements analysts and QA testers to ensure comprehensive coverage throughout the software development lifecycle.
- Designed and optimized Oracle SQL queries for efficient data retrieval and transaction processing in banking applications.

Full Stack Developer • University of Nebraska Medical Center • *2019.3 – 2019.12*

- Assisted in upgrading and deploying a mobile application for surgical tool tracking, utilizing C# and XNA for interactive 3D visualization.
- Implemented real-time data transmission of 3D tracking information through network sockets to ensure accurate and timely tool identification.
- Contributed to cross-platform development efforts by integrating XCode for iOS deployment and JSP for supporting web-based components.