|  |
| --- |
| Education |
| AUGUST 2016 – MAY 2020Baylor University, School of Engineering & Computer Science, B.S. Computer Science |

|  |
| --- |
| Full-Time Experience |
| NOVEMBER 2021 – PRESENTGARTNER INC., full-stack software engineerDevelop, from scratch, an unannounced flagship product using the Next.js front-end (React based) framework after independently building 2 large-scale PoCs and hosting 3 technical workshops; my team is the first in our company to adopt this technology, allowing us to pioneer the future of front-end engineering at GartnerSupport flagship products such as the Gartner Hype Cycle™ and Gartner Magic Quadrant™, delivering new features and performance enhancements to tools used by hundreds of analysts and researchers to deliver insights to our thousands of executive clients around the globeModernize large-scale enterprise-grade systems from .NET Core 2.X / .NET Framework 4.X to .NET 6 & Angular 8.X to Angular 13.X, leading to performance improvements of up to 60% across the entirety of our systemsDevelop and optimize visual graphics libraries that integrate with D3.js to produce high-quality chart/graph design tools used by hundreds of analysts across our organizationLeverage various modern DevOps technologies (e.g. Bitbucket, Jenkins, Docker, EKS) to deploy our applications to AWS with zero downtime, and ensure sure our services are available globally with an uptime of at-least 99.99% |
| JULY 2020 – OCTOBER 2021EXXONMOBIL CORPORATION, full-stack software engineerBuilt and deployed multi-threaded RESTful API leveraging the .NET framework from the ground up, as an individual effort; 4+ million responses daily across 12 endpoints, enabling 5+ teams secure access to the 80+ TB of field asset dataRefactored 30,000 line monolith using clean architecture, various design patterns; individually presenting learnings at annual ExxonMobil CODE Conference with 2,000+ IT professionals in attendance (virtual and in-person)Retired a data storage solution and migrated to a cloud-hosted solution, leading to cost savings of $10,000+/monthLeveraged Redis Cache and optimization of SQL queries to reduce API response times from 10 seconds to ~.25 seconds |

|  |
| --- |
| Leadership & Volunteering |
| FEBRUARY 2022 – APRIL 2022 GARTNER CREW LEADERSHIP DEVELOPMENT PROGRAM, ParticipantSelected for competitive 8-week program to network with high level executives across multiple business units and geographic locations in an effort to better our corporate culture and develop strategies for achieving key business objectives |
| JANUARY 2022 – PRESENT Open SourcE Project – Desktop automation software, Lead DevloperLead a globally distributed team of 14 open source contributors to maintain and add new functionality our .NET app with 5,000+ active users on a steady 4 month release cycleSuccessfully deliver a quality application to a global audience, achieving over 144,000 downloads in 1.5 years |
| JANUARY 2022 – PresentBaylor University School of Engineering and Computer Science, Alumni MentorEstablish a pathway to success for current 5 Computer Science undergraduates to achieve their academic and professional goals over the course of an academic semester |

|  |  |
| --- | --- |
| Honors2020 Outstanding Service Award Baylor CS Department2019 cloudJam Hackathon Winner ExxonMobil IT2018 Upsilon Pi Epsilon Inductee Baylor CS Department2018 Presentation to President and CIO ExxonMobil GSC2018 SpaceX Sponsorship for student-community projects | SKILLSWeb Development (Next.js, React, .NET, Angular)Cloud Services (Azure, AWS; CI/CD via Azure DevOps, GitHub, Jenkins)Object-Oriented Programming (C#, Java, Python, Kotlin, , C++)Data Services (PostgreSQL, MySQL, NoSQL, KQL, Redis, S3, Data Dog)Bilingual Fluency (English and Spanish) |