

Kyle Foster

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https://foscat.github.io/portfolio_2025/

Summary

I thrive on tackling challenges, whether they're in software development, project management, or any other domain. What matters most to me is not the nature of the problem, but rather the process of finding solutions and creating actionable plans to address them effectively. Throughout my career, I've remained committed to exploring innovative ways to leverage technology, aiming to develop solutions that seamlessly blend creativity with functionality. With a keen eye for detail and a knack for problem-solving, I continuously seek opportunities to make a positive impact through my work. Let's connect and explore how we can collaborate to drive meaningful change through innovative solutions.

Experience



Instructor / Front End Developer

CodeStream Studios

Jan 2020 - Mar 2025 (5 years 3 months)

As an educator at CodeStream, I played a pivotal role in shaping the next generation of developers by teaching middle school and high school students the fundamentals of web and Python programming. Additionally, I spearheaded the development of an online learning platform in response to the challenges posed by the COVID-19 pandemic, enabling seamless virtual instruction. Throughout my tenure, I served as the sole front-end developer, responsible for maintaining and enhancing the platform to ensure an optimal learning experience for students. My contributions extended beyond teaching as I meticulously planned, built, documented, and deployed key features of the website, demonstrating my proficiency in full-stack development and project management.

Freelance Laborer

Self-employed

Sep 2018 - Jan 2020 (1 year 5 months)

After completing my coding bootcamps, I was determined to gain more hands-on experience to bolster my skills and become more attractive to potential employers. To support myself financially while dedicating time to building applications at home, I pursued various freelance opportunities. This included providing brush hauling services to individuals looking to clean up their properties and then repurposing the collected brush into firewood, which I sold to supplement my income. Additionally, I seized freelance web development gigs whenever possible, allowing me to gain valuable experience and refine my expertise in the field. Through this period of freelance work, I honed my abilities while simultaneously laying the foundation for a successful career in software development.



Finisher

CTL Amedica

Aug 2016 - Aug 2018 (2 years 1 month)

At CTL-Amedica, I played a crucial role in the manufacturing process, where I meticulously buffed, bead blasted, and anodized polyaxial screw housings to exacting standards. Additionally, I hand-assembled polyaxial screws using a bullet press, ensuring precision and quality in every unit. My dedication

to process improvement led me to develop and implement a new assembly process, resulting in a remarkable 150% increase in correctly assembled screws. Through my innovative approach and attention to detail, I contributed to enhancing product quality and operational efficiency at CTL-Amedica.



Assistant Manager

MOOYAH Burgers Fries and Shakes

Sep 2015 - Jul 2016 (11 months)

As Assistant Manager at Mooyah Burgers, I held a pivotal position in managing operations at the corporate test kitchen, where we developed and refined menu items. Beyond traditional managerial duties such as inventory management and staff training, I played a hands-on role in cooking and preparing food for marketing materials, contributing directly to the brand's product development and promotional efforts. Additionally, I spearheaded weekly inventory processes and handled order placements, ensuring smooth operations and superior customer service standards.



Shift Lead

Which Wich Superior Sandwiches

Mar 2014 - Sep 2015 (1 year 7 months)



Shift Lead

Pie Five Pizza Co

Jul 2012 - May 2014 (1 year 11 months)



Salesman

Shelfrich

Aug 2013 - Oct 2013 (3 months)

Education



Southern Methodist University

Coding Bootcamp, Full Stack Web development

2018 - 2019

TTS

Full Stack Developer Certificate , Full Stack Web Development

2019 - 2019

High School Diploma

2008 - 2011

Skills

React Native • HTML5 • HTML • Software Development Life Cycle (SDLC) • React.js • Node.js • MongoDB • MERN Stack • jQuery • JavaScript

Honors & Awards

2019 Daimler Trucks Hackathon Winning Team - Daimler North America and Capital Factory, Austin

Jul 2019

The goal of the hackathon was to provide a solution for assisting technicians on repair and maintenance of trucks. Using voice assistance, affordable hardware that isn't cumbersome and can be easily used in a loud shop environment.

Our solution was to build a website that had a chatbot linked to AWS Lex. We kept track of operation step times and allowed techs who complete the overall task faster than average to contribute as to how they did it. Incentivising and monitoring productivity. We got the information from their currently existing instruction manuals which were in XML format. We parsed the files and used that to give the chatbot step instructions.