

JON THIBEAULT

Full Stack Software Developer

✉ jonthibeault@gmail.com
🐙 GitHub </> LeetCode

☎ 832-326-6440

📍 Austin, Texas

🔗 Home Page

in LinkedIn



SUMMARY

- Over eleven years of experience developing on production customer facing platforms.
- Obsessed with high-quality, clean code and documentation.
- Eager to learn new technologies and techniques in the field.
- Passionate about thinking analytically and solving challenging problems.
- Enjoys providing exciting features to a broad user base to make their application experience better and more enjoyable.
- Brazilian Jiu Jitsu Black Belt who teaches and competes nationwide.

EXPERIENCE

Senior Software Engineer

Walmart Technology

📅 Jan 2018 – Present

- Developer since inception for a home-grown, mobile-focused platform used globally in all 12,000+ Walmart stores.
- Each workflow on the platform saves Walmart an estimated \$6000 a year per workflow per store from time and labor costs.
- Mentor to junior developers and new team members.

Brazilian Jiu Jitsu Instructor

Dark Clan Fight Lab

📅 Dec 2017 – Present

- Black belt advanced class instructor.

Lead Application Developer

DXC Technology

📅 Apr 2017 – Jan 2018

- Lead developer for Supplier Portal company spin off projects.
- Modernized app UI/UX using jQuery and Semantic UI.

Lead Application Developer

Hewlett Packard Enterprise

📅 Nov 2015 – Apr 2017

- Lead developer for Supplier Portal – HPE's supplier business gateway.
- Set up ETL layers between supply chain systems, allowing near real-time data UI view for business.
- Project lead for IT systems security compliance. Protected from attacks such as XSS, SQL injection, phishing, and data encryption.

Application Developer

Hewlett Packard

📅 Jul 2010 – Nov 2015

- Developer for three supply chain IT applications.
- CIO Excellence Customer award for role that won a \$40 million deal for UK and Ireland mid-level suppliers.

EDUCATION

B.S. in Electrical Engineering

University of Notre Dame

📅 Sept 2005 – Dec 2009

CERTIFICATIONS

Javascript Full Stack Dev Course

Austin Coding Academy

📅 Oct 2017 – Dec 2017 Grade : 100%

Machine Learning Program

eCornell

📅 Jan 2021 – Currently Enrolled

SKILLS

Typescript/Javascript Python Java
C/C++ Perl Angular React
React Native Ionic Redux Node
GraphQL/Apollo Git Docker
Kubernetes Agile DevOps Lifecycle
Gulp Webpack Azure Heroku

PROJECTS

NexTech Data Science Hackathon – Wiki QA Bot

Angular, Material, Python, Azure, AI/ML

📅 Feb 2019 – Mar 2019

- Loads wiki passage and highlights an answer after the user inputs a question.
- Utilizes Allen NLP machine reading comprehension to answer.

ESPN Fantasy Football All Time Stats

React, Python, PostgreSQL, Heroku

📅 Nov 2017 – Dec 2019

- Fantasy football league tools showing all-time stats and matchup data.
- Chat bot that sends out weekly scores and updates to the league via GroupMe.

TechnoBowl Graduation Project

C, ZigBee Microcontroller

📅 Jan 2009 – Dec 2009

- Microcontroller code for robotic football.

UT MSCSO RELEVANT COURSEWORK

- **Discrete Math for Computer Science (CS 311)** - Completed Discrete Mathematics course fall 2006.
- **Introduction to Programming (CS 312)** - Completed C/C++ Programming course fall 2007.
- **Data Structures (CS 314)** - Eleven years of professional software experience using data structures and writing unit tests. Completed Javascript Full Stack Development course. Solved many problems on LeetCode using different data structures.
- **Algorithms and Complexity (CS 331)** - Have utilized many different algorithms during my professional career, such as divide and conquer, greedy, dynamic programming, recursion, and backtracking. Have also solved many LeetCode and interview problems using these algorithms.
- **Computer Organization and Architecture (CS 429)** - Have designed and created many interacting systems in my career that required setting up pipelines, caching, and understanding their connection requirements.
- **Principles of Computer Systems (CS 439)** - Have worked on many systems in my professional career that required understanding multi-threading and utilizing efficient memory allocation and protection.