

David L. Cassidy

Software Engineer

WORK EXPERIENCE

Angi **Dec. 2019 – Dec. 2022**

Sr. Software Engineer *Denver, Colorado, United States*

- Designed and developed robust Java Spring microservices and REST APIs for web applications following an Agile development process
- Responsible for improving conversion rate and revenue per booking on High Frequency Low Consideration (HFLC) home services tasks
- Major initiatives include: add-to-cart functionality, physical products sales, magic link (passwordless) authentication and login, smart scheduling, flex scheduling “time windows”
- Drove the post-acquisition integration effort with the Handy and Angie’s List platforms, along with the rebranding effort to the unified Angi brand
- Persistent advocate for code quality improvement and implemented unit test code coverage gates on the CI/CD pipeline
- Covered 24 hour on-call level 1 production support on rotation

FedEx Supply Chain **Feb. 2016 – Dec. 2019**

Integration Developer *Fort Worth, Texas, United States*

- Tech lead for the transportation logistics division
- Responsible for design, development, and support of messaging interfaces to internal warehouse management applications, utilizing IBM WebSphere and Tibco enterprise software suites

KS2 Technologies **Jan. 2014 – Nov. 2015**

IBM Middleware Consultant *Grapevine, Texas, United States*

- Solution architect and developer for IBM middleware driven digital transformation projects at Fortune 500 companies
- Participated in over a dozen large scale integrations across multiple industries of various types: initial implementations, upgrades, enhancements/customizations, industry-specific solutions

Cal-Bay Systems **Jan. 2012 – Jan. 2013**

Systems Engineer Intern *San Rafael, California, United States*

- Developed custom enterprise applications using NI LabVIEW and NI TestStand for automation control and data acquisition

ADDITIONAL EXPERIENCE

Georgia Institute of Technology **Aug. 2021 – Dec. 2022**

University Instructional Associate (part-time) *Remote (Atlanta, Georgia, United States)*

- Course: Database Systems Concepts and Design (CS 6400)
- Assisted with class instruction and assignments, provide student support and office hours, grade projects and exams, enforce academic integrity

EDUCATION

MS, Computer Science

Georgia Institute of Technology

May 2020

Atlanta, Georgia, United States

BS, Industrial & Systems Engineering

Georgia Institute of Technology

Dec. 2013

Atlanta, Georgia, United States

SIDE PROJECTS

Travel Wallet

Android Application

- Assists frequent travelers manage their loyalty programs and travel credit cards
- Technology stack: Android SDK, Java, SQLite, XML
- 1000+ active users

TECHNICAL SKILLS & INTERESTS

- **Technical Skills:** Java (Spring Boot, Android), Python, JavaScript, Vue.JS, SQL, CSS/TypeScript, Git, Agile/Scrum methodologies
- **Interests:** traveling, skiing, hiking, volleyball, dad jokes & puns