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carlosdtrejo.com

Carlos D Trejo

Innovative full stack software engineer, passionate about solving problems and creating efficient web and mobile applications through new technologies and teamwork.

TECHNICAL SKILLS

Proficient: JavaScript, TypeScript, React, Redux, Python, Django, Perl, HTML, CSS, Jest, Enzyme, REST, i18n, a11y, A/B Testing, Event Tracking, SQL, Git, Unit Testing, Responsive Web Design, Cross Department Collaboration, Scrum/Agile

Familiar With: React Native, Next.js, GraphQL, Java, Android Studio, Docker, DataDog, Sentry, Webpack, Selenium WebDriver, TestNG, Subversion, Linux

PROFESSIONAL EXPERIENCE

Software Engineer II, Udemy   OCT 2021 - FEB 2023

Full-stack software engineer on the Learner Experience team, working primarily with React, TypeScript, GraphQL, Python, and Django with heavy focus on experimentation and iteration of high-traffic pages to improve reliability and user experience.

Software Developer II, IBM   SEPT 2019 - OCT 2021
Software Developer I, IBM   MAY 2016 - SEPT 2019

Software developer on the internal cloud team, working primarily with Perl, Javascript, and Java to design and maintain IBM's internal cloud storage solution, using agile methodology and full development cycle from concept to production to deliver great experiences to a large user base.

Software Developer Intern, Zello   MAY 2014 - DEC 2014

Software developer intern on the mobile team, working with Java and Android Studio to integrate a QR-code scanner/generator capability into Zello's Android application using a public QR-code library to deliver our mobile users an innovative way to connect.

EDUCATION

The University of Texas at Austin   DEC 2016
B.S. Computer Science

Relevant Coursework: Software Engineering, Mobile App Development, Algorithms, Computer Systems, Data Management, Data Structures, Computer Architecture, Information Security, and Operating Systems.

PROJECTS

Migration of Django based page to Next.js — *Next.js, GraphQL*

Spearheaded the modernization of a high-traffic Udemy page from monolithic to a globally distributed architecture framework based on Next.js as a server-generated page with backend services served over GraphQL.
Viewable on **Udemy Free Courses**

Key, Social Media Connection App — *React Native, Android*

Social media mobile app that enables users to connect with others on multiple platforms simultaneously, through QR code scanning or sharing.
Viewable on **carlosdtrejo.com**