

Allen Chen

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WORK EXPERIENCE

Paycom

Irving, TX

Software Developer (PHP, TypeScript, JavaScript, React, MySQL)

Dec 2022 - Present

- Designed new service supporting instant system tutorial assignments to newly created users using PHP and JavaScript. Resulted in 34% of new users created with tutorials attached
- Led initiative establishing automated unit testing for customer-facing React application. Built out 30 initial tests using Jest and Enzyme and configured GitLab CI/CD pipeline to run tests on every commit
- Introduced new audit service for logging 10000+ weekly two factor authentication updates to a MySQL table
- Strengthened app security by requiring single-use password verification for employee email or password changes
- Mentored, pair programmed, and served as point of contact for newer team members to accelerate their learning

Rev

Austin, TX

Software Engineer II (C#, TypeScript, React, MS SQL Server)

Oct 2020 - Oct 2022

Software Engineer I

Aug 2019 - Oct 2020

- Took ownership of project planning to overhaul the C# data model and TypeScript React UI for order special instructions. Freelancers responded with over a 95% positive satisfaction rate.
- Worked directly with project lead to launch sales tax collection for US customers
 - Revised C# order placement logic to levy sales tax and generate SQL records for all desktop orders
 - Built tax exemption page with React and a RESTful API, yielding 100+ applications within a week
 - Developed address suggestion and autocomplete React component using the Google Maps JavaScript API
- Facilitated new microservice creation using C#, GraphQL, and AWS DynamoDb to power marketplace pricing
- Migrated customer prepayment flows in C# to use secure, single-use credit card tokens from payment processor
- Mentored and led code reviews for intern over 3 months to support their onboarding experience and learning

ExxonMobil

The Woodlands, TX

Software Engineering Intern

May 2018 - Aug 2018

- Created SAP metrics reporting website using the Tableau JavaScript API with HTML/CSS, saving the team 8 hours a month of manual report generation

SKILLS

Languages

C#, JavaScript, TypeScript, Java, PHP, SQL, HTML/CSS

Frameworks & Libraries

React, .NET, jQuery, Jest, NUnit, PHPUnit

Tools & Technologies

Git, GitHub Actions, Docker, Node.js, npm

EDUCATION

The University of Texas at Austin

Aug 2015 - May 2019

Bachelor of Science in Computer Science

Graduated with High Honors