

# Allen Chen

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## WORK EXPERIENCE

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### Paycom

Irving, TX

*Senior Software Developer (PHP 8, JavaScript, TypeScript, React, MySQL)*

June 2024 - Present

*Software Developer*

Dec 2022 - June 2024

- Architected MVC service using JavaScript and PHP enabling system tutorial assignments during new user setup. Resulted in over 44% of new users created with tutorials in the first month of release
- Led initiative establishing automated unit testing for customer-facing React application handling user settings
  - Implemented 30 initial unit tests with coverage reporting using JavaScript, Jest, Enzyme, and Cobertura
  - Configured GitLab CI/CD pipeline to automatically run tests and output reports on commits to every branch
- Defined implementation strategy and planned JIRA tickets for JavaScript library upgrades on 15 high-usage pages
- Built audit service responsible for logging 10000+ weekly two factor authentication updates to a MySQL table
- Refactored core sections of legacy user access calculation to their MVC equivalents to support enterprise clients
- 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. Surveyed freelancers responded with over a 95% satisfaction rate
- Worked directly with project lead to build, launch, and maintain sales tax collection for US customers
  - Revised C# order placement logic to levy sales tax and generate SQL records for all desktop orders
  - Created tax exemption page with React and a RESTful API, yielding 100+ applications within a week
  - Developed address suggestion and autocompletion React component using the Google Maps JavaScript API
- Facilitated 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

Spring, TX

*Software Engineering Intern (JavaScript, HTML/CSS)*

May 2018 - Aug 2018

- Designed and developed SAP metrics reporting website using the Tableau JavaScript API and HTML/CSS
- Website saved the team up to 8 hours a month of manually aggregating data and generating PowerPoint reports

## SKILLS

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### Languages

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

### Frameworks & Libraries

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

### Tools & Technologies

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

## EDUCATION

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### The University of Texas at Austin

May 2019

Bachelor of Science in Computer Science

Graduated with High Honors