

# TRACEY CHUNG

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## TECHNICAL SKILLS

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**Languages:** Python3, JavaScript ES6+, HTML5/CSS, SQL

**Frameworks/Technologies:** Django, FastAPI, React, Express, Next.js, Node, Rest API, Tailwind CSS

**Databases/Tools:** PostgreSQL, Git, Docker

## PROJECT EXPERIENCE

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### FULL-STACK DEVELOPER – *Wanderlust App*

Jan 2023 – Feb 2023

- Developed and maintained a full-stack travel app using FastAPI as the back-end framework, PostgreSQL as the database, Python as the primary programming language, and JavaScript and React for the front-end
- Implemented efficient RESTful APIs allowing for smooth communication between the front-end and back-end
- Built a dynamic and interactive user interface using JavaScript and React that allows users to view trip details as well as add flight and accommodation info, activities, and checklists to a specific trip
- Used Git for version control and collaborated with cross-functional teams to ensure timely delivery of features

### FULL-STACK DEVELOPER – *CarCar App*

Nov 2022 – Dec 2022

- Built a full-stack app to visualize automobile inventory, add employees, and manage appointments for the auto servicing side of the business using Python, Javascript, Django, HTML, and CSS
- Implemented RESTful APIs and pollers to allow dealership and appointment information to be served to user endpoints in Django while preserving data integrity through anti-corruption layers
- Utilized React and Bootstrap CSS to develop a responsive frontend complete with dynamic searching and filtering, custom forms, and conditional rendering
- Employed Django's authentication system making use of authentication, authorization, and forms to ensure a secure signup/sign-in process

## PROFESSIONAL EXPERIENCE

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### SMARTRR – *Support Engineer*

Oct 2024 – Feb 2025

- Customized front-end code for subscription blocks on merchant sites, improving user interface and experience by implementing custom features, leading to a 10% increase in conversion rates for subscription sign-ups
- Created and optimized SQL queries to generate detailed reports based on merchant requests, delivering accurate, actionable insights for merchants to improve decision-making and engagement strategies
- Troubleshoot and investigated customer issues by querying database logs to identify root causes, effectively resolving technical issues and improving incident response times through efficient troubleshooting methods
- Provided technical support and consulting for merchants, answering ~35 inquiries per week and recommend tailored solutions from Smartrr's suite of tools, contributing to a 30% increase in merchant satisfaction

### EDWARDS LIFESCIENCES – *Software Testing Engineer*

Dec 2023 – Oct 2024

- Developed detailed test plans and test cases for both automated and manual testing of medical devices, ensuring comprehensive coverage of 45+ core functionalities
- Identified, documented, and tracked over 115+ bugs through meticulous recording and thorough documentation, leading to a 20% reduction in bug recurrence
- Conducted rigorous regression testing post-bug resolution, verifying the stability and integrity of 22+ software updates, ensuring optimal product stability and maintaining zero critical safety issues in the final release
- Collaborated closely with cross-functional teams in an Agile environment to communicate testing results, provide feedback on product quality, and contribute to continuous improvement initiatives

### GALVANIZE, INC. – *Software Engineering Teaching Assistant*

Feb 2023 – Aug 2023

- Provided code support, debugging, and code review for 60+ junior developers building multiple full-stack applications with Django, React, FastAPI, Docker, and Gitlab
- Implemented a dynamic student details page that acts as a centralized hub for instructors to access essential student information including contact details, academic performance, and engagement history
- Hosted supplemental workshops to enhance students' understanding of coding fundamentals and engineering best practices resulting in average test scores increasing by 11%

## EDUCATION

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### HACK REACTOR – *Software Engineering Immersive Certificate*

Feb 2023

### UC, RIVERSIDE – *B.S. Information Systems*

Jun 2019