

# KENNETH P. CHANG

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SAN JOSE, CALIFORNIA 408-252-2115  
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## SUMMARY STATEMENT:

Highly accomplished full-stack software engineer with 10+ years of experience driving revenue growth and improving customer satisfaction through innovative software solutions and exceptional team leadership.

## EDUCATION

### UDACITY

Full Stack Web Development; Data Structures Nanodegree, Front End Web Development

### UNIVERSITY OF CALIFORNIA SANTA BARBARA

Bachelor of Arts in Political Science

## EXPERIENCE

**GENERAL ASSEMBLY** SAN FRANCISCO, CA AND NEW YORK, NY 2022-2024

*Lead Instructor Software Engineering Immersive*

- Guided and mentored 5+ cohorts of 15-50 aspiring developers as the leader of instructional team
- Authored and delivered lectures on Data Structures and Algorithms, Javascript, Python, Express, Flask, Django, React, NodeJS, Express, MongoDB, and SQL
- Actively diagnosed code issues and improved developer understanding through group one-on-one, and issue-driven support
- Facilitated exceptional developer support, as evidenced by an NPS score of 95+, driving our team as the top performer in North America for the year

**GENERAL RESOURCES COMPANY** TAIPEI, TAIWAN AND SAN JOSE, CA 2020-2022

*Software Engineer*

- Modernized and optimized government contract bidding process through workflow optimization, integrated with various systems via APIs, and leveraged cloud-based technologies for scalability and security
- Automated bid scoring using machine learning, using Random Forest and Gradient Boosting, resulting in a 30% increase in efficiency
- Implemented conflict-of-interest detection within the bidding system to ensure compliance

**CODE TAIWAN** TAIPEI, TAIWAN 2014-2020

*Software Engineer*

- Dramatically increased client revenue by 300% through developing a comprehensive Learning Management System (LMS) using the MERN stack, leading to significant client satisfaction and retention
- Architected and optimized logic for an ad-serving platform, enabling a 300% increase in user scalability and a 20% improvement in page speed, thereby enhancing user experience and engagement
- Administered and scaled Linux-based backend servers utilizing AWS and Google Cloud Platform services such as EC2, S3, and Kubernetes, achieving optimized server performance and reliability

## SKILLS:

- **Software Engineering:** Javascript, Typescript, React, Python, SQL, PostgreSQL, MongoDB, Data Structures and Algorithms, HTML, CSS, Bootstrap CSS, Tailwind CSS, AJAX, JQuery, Git/Terminal/Github, Express, Linux, AWS EC2, Node, Google Cloud Platform, and Docker, Kubernetes, Javascript Testing libraries Jest Mocha Chai Jasmine, NextJS, Puppeteer, Playwright