

Skills

Web Front-End

HTTP	★★★★★
REST	★★★★★
AJAX	★★★★★
HTML	★★★★★
CSS	★★★★★
JavaScript	★★★★★
D3.js	★★★★☆
Angular.js	★★★☆☆
Flask/Python	★★★★☆
Express/Node.js	★★★★☆
PHP	★★★★☆

iOS Native

Objective-C	★★★★☆
UIKit	★★★★☆
Core Audio	★★★☆☆
Core Graphics	★★★★☆
Core Animation	★★★☆☆
Core Data	★★★☆☆

Systems Middleware

SOAP/XML	★★★★☆
Java	★★★☆☆
Python	★★★★☆
UNIX Script	★★★★☆
GIT	★★★★☆
GNU Make	★★★★☆
Cryptography	★★★★☆
Linux/UNIX	★★★★★

Testing/Automation

Selenium	★★★☆☆
CI/CD	★★★☆☆
Performance	★★★★☆
High Availability	★★★★☆

API/Cloud

AWS	★★★☆☆
PayPal	★★★☆☆
Twitter	★★★☆☆

Database

SQLite	★★★★☆
MySQL	★★★★☆
Postgres	★★★☆☆
Oracle	★★★☆☆

Dickson Tam

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Profile

Full-Stack Web and Mobile Software Engineer

Preferred Roles

1. Front-end engineer working on web application interactivity/usability with HTML/CSS and JavaScript.
2. Middleware/backend engineer writing Python HTTP applications and UNIX commandline utilities.
3. Database systems administrator & performance engineer

Experience

Freelancer & Consultant; 2008 - 2021

Primary frontend engineer in developing standalone web applications for various clients, including DAQRI, using HTML5/CSS3, Javascript, Angular.js, MySQL, PostgreSQL, and PHP.
Helped resolved high-priority HTML5/CSS3, and Javascript bugs for various clients, including LiveScribe.
Developed USPTO patent search web application for client.
Provided HTML/CSS tutoring and mentoring.

Principal Member of Technical Staff, Oracle; Redwood City, CA; 2004 - 2008

Evaluated and analyzed virtualization solutions, including VMWare, Linux hypervisors, for running Oracle 10g Database and Middleware.
Designed performance, scalability, and reliability tests for Oracle 10g Database and Middleware.
Resolved P0 issues for high-profile Oracle clients including Deutsch Post.
Analyzed slow queries on Oracle 10g Database. Performance tuned queries on Oracle 10g Database.

YouTube

Mini-Coding Projects

<https://www.youtube.com/channel/UC5ZM32HVObuh6EhxzpP-Hxw>

Code an A.I. that Tweets like Trump in under 40 Minutes

<https://youtu.be/jiEzYY4mMJw>

Ideogram 3.2 : (1) Basic Features & Game Play (AI)

<https://www.youtube.com/watch?v=QJC5LSk2tyk>
<https://www.youtube.com/watch?v=goit9-XGWrg>
<https://www.youtube.com/watch?v=7WZG99YCNDQ>

Github

Various Node.js projects (<https://github.com/dicksont>)

Awards

Most Valuable Employee (Oracle, 2007)

Education

University of California; Berkeley, CA (2003) — B.S. in Electrical Engineering and Computer Science

Work Status

U.S. Citizen

Reasons for Hire (from others)

I can ramp up on any project in zero-time and get things done without supervision.

References

Available upon request