JAY ZHONG

Backend Web Developer

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LinkedIn • Tracy, CA

PROFILE

Dynamic professional with extensive experience and expertise in designing user-friendly web applications and driving organizational growth. Adept at leveraging knowledge of programming languages and development frameworks as well as implementing process optimization strategies. Poised to excel as a developer and facilitate companies build a better web.

AREAS OF EXPERTISE

- Web Design & Development
- Continuous Improvement
- Cascading Style Sheets (CSS)
- WordPress & jQuery
- Application Development
- System Integration

EDUCATION

M.S., Computer Science
California State University, East Bay

Bachelor of Arts in Political Science
University of California, San Diego

TECHNICAL PROFICIENCIES

Django | Rails | Elasticsearch | Apache | MySQL | Postgres | JavaScript | JQuery | Django templates | HTML | CSS | Bootstrap | Python | Ruby | C | C++ | Java | JavaScript | Github | CircleCI | Selenium | Cypress | Looker | Datadog

PROFESSIONAL EXPERIENCE

Back-End Web Developer, 2022 to 2023
Envoy, San Francisco, CA

Developed backend features and led maintenance of core office management service. Formulated APIs, models, tables, and policies as required by internal product teams. Examined service latency and load by employing Datadog analytics and other techniques to provide enriched user experience.

- Introduced new features to enhance existing products, including addition of new push notifications to thousands of mobile users.
- Leveraged exceptional problem-solving skills across development teams to streamline workflow operations and efficiency.

Full-Stack Web Developer, 2017 to 2022
Information Management Services, Rockville, MD

Designed web applications with client-friendly interfaces using Python, Django, jQuery, and others. Built optimized Postgres databases and apps to enhance company website. Maintained feature branches and managed Django project production updates to enable seamless version releases. Created thorough unit tests and documentation to facilitate code maintenance and scalability. Incorporated user feedback into process improvements by collaborating with internal teams.

- Played a significant role in web interface for major medical research database for National Institutes of Health by designing tools to simplify business communication and research access.
- Strategized in-house digital document signature solution for organization, avoiding need for third-party solution.

Front-End Web Developer Intern, June 2016 to Sept. 2016
Treasure, Hayward, CA

Managed layout and implementation of application. Converted existing Java servlets and forwarded to JSP pages to drive higher level of creativity. Accommodated evolving requirements of project by comprehending new technologies along with most effective usage.

- Developed UI logically and aesthetically to allow accessibility of operations and features of web application.