

Zach Van Handel
Software Engineer (Denver Metropolitan Area)

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EXPERIENCE

Software Engineer @ Oracle

July 2020 - Present

- Design, develop, and maintain full-stack web applications, cloud-based distributed systems, and command line tools for Oracle Advertising.
- Plan, implement, and collaborate on bug fixes, features, and improvements for an internal platform that runs thousands of revenue-impacting big data pipelines on a daily basis.
- Led the organization, communication, and research efforts for working groups that sought to determine potential applications for new technologies in the AI/ML and UI/UX domains.
- Participated in the rotational software engineer program, working and building relationships across multiple teams and learning about various technologies and architectural patterns.

Web Developer @ Colorado State University

January 2018 - May 2020

- Updated and improved the University Honors Program website and online services, which were used daily by 1700+ students, staff, and faculty.

Software Engineering Intern @ Oracle

June 2019 - August 2019

- Designed and implemented a distributed application that performed matching operations on datasets containing up to 1 billion records while reducing runtime costs by up to 50% for 75% of recurring jobs.

EDUCATION

B.S. Computer Science @ Colorado State University

August 2016 - May 2020

- Earned a 4.0 GPA and University Honors Scholar distinction.

SKILLS

Languages

- Java
- JavaScript
- TypeScript
- CSS / SASS
- Python
- SQL

Technologies

- AWS
- Next.js
- React
- Redux
- Tailwind
- Bootstrap
- Node.js
- Express
- Spring / Spring Boot
- FastAPI
- Pandas
- MySQL / PostgreSQL
- MongoDB
- Docker
- Kubernetes

Tools

- CI/CD (Jenkins, etc.)
- Git
- GitHub / GitLab
- Jira
- Zoom
- Slack / Discord