

# DEVON YU

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## PROFESSIONAL EXPERIENCE

**Facebook** | Menlo Park (Contract via K2 Partnering Solutions)

**Software Engineer**

Jan 2019 – May 2019

- Built, updated and shipped internal employee application for onboarding and managing FB suppliers worldwide
- Developed components with React/Relay/Undux which consumed GraphQL API's connected to FB's Hack Backend
- Collaborated with PM's, designers, and enterprise engineers to iterate on design and implementation of product features
- Improved UX with validations/warnings, implemented custom business logic based on specific needs (localization)
- Increased performance and responsiveness of UI by utilizing React Hooks/debugging bottlenecks/type checking data

**Hack Reactor @ Galvanize** | San Francisco / Remote

**Software Engineer Teaching Assistant**

Aug 2018 – June 2019

- Taught, mentored, and advised students through Hack Reactors curriculum focusing on JavaScript fundamentals
- Reviewed help tickets, tracked student performance, conducted lectures/technical interviews, and hosted town hall meetings

**Devonyu.com** | Remote

**Freelance Web Developer**

Aug 2017 – Present

- Collaborated with clients to design and develop web applications, portfolio pages, and personal blogs
- Utilized webpage optimization techniques to reduce load times including CDN usage, minification, and caching

## PROJECTS AND APPLICATIONS

**TaskR** | Tasking application for teams

**Full Stack Software Engineer**

July 2019 - Present

- Built a Tasking application which incorporates a markdown editor and features team based workflows
- Developed RESTful API with NodeJS, authentication with JWT tokens, and persisted data with DynamoDB
- Implemented Material UI Styling, React Hooks, Redux state management, and Deployed on AWS EC2

**NextLens.io** | Lens recommendation application

**Full Stack Software Engineer**

Feb 2018 - Present

- Created an app to collect user affinities on curated images that returns a list of lens recommendations
- Developed RESTful API with NodeJS/Express, integrated user sessions with Redis Store, persisted data with PostgreSQL
- Streamlined Heroku deployment process by integrating Travis CI for continuous integration/deliveries

**Pinterest Analytics** | Advertisement ratio optimization service

**Backend Software Engineer**

Oct 2017 - Nov 2017

- Built service gateway with NodeJS to handle operations between micro-services with 10 million simulated users
- Integrated AWS SQS message bussing to create a decoupled, high-throughput, fault-tolerant processing pipeline

## TECHNICAL SKILLS

**Languages:** JavaScript ES6, SQL, HTML5, CSS3, SCSS/SASS, Hack/PHP, Ruby

**Frameworks/Technologies:** React, Redux, NodeJS, Express, GraphQL, Relay, MongoDB, Redis, DynamoDB, Gatsby

**Tools/Testing/Devops:** Git, Jest, Mocha, Chai, Flow, Material UI, Bootstrap, TDD, Heroku, Linode, Webpack, AWS EC2

## EDUCATION

**University of California, San Diego** | B.S. in Management Science, Minor in Business

2013