

EDWARD LANGLEY

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1204 Forest Dr.
Santa Paula, CA 93060

SKILLS

Designing and optimizing ETL pipelines for analytics platforms.
Developing maintainable, test-driven frontends for web and mobile.
Administering Unix servers and cloud deployments (AWS and Firebase)

EXPERIENCE

Senior Software Engineer Procore
2022–present Carpinteria, CA
Developed CASB integrations for major enterprise clients using Kafka, Flink, Snowflake and Databricks

Senior Software Engineer HOVER
2020–2022 San Francisco, CA
Focused on improving the architecture and developer experience of HOVER's React Native mobile app.

Designed and implemented an architecture to enable reliable unit-testing of the React code-base and implemented unit-test coverage of business-critical portions of the mobile app.

Participated in an inter-team effort to identify causes of upload failures and implement fixes to make image uploads more reliable over an intermittently-connected network.

Senior Software Engineer CJ Affiliate (ADS, Publicis Groupe)
2017–2020 Westlake Village, CA
Maintained key systems for CJ's affiliate marketing clients, developing features that led to key clients renewing contracts worth approximately 10% of our revenue:

First, CJ's situational commissioning solution, enabling our clients to optimize their affiliate spend by targeting classes of users more precisely. (Scala, Oracle)

Second, CJ's Insights platform, a real-time analytics platform for our clients, enabling them to analyze a variety of metrics according to an arbitrary set of dimensions. (Kafka, Elasticsearch, ClickHouse, Clojure)

Software Engineer Independent Consultant
2014–2017 Ventura, CA
Maintained and developed features for a AtomOS, a Gentoo-derived proprietary Linux distribution for routers.

Developed and maintained the UI and operations for an e-commerce site.

Software Engineer NCMI, Baylor College of Medicine
2007–2012 Houston, TX
Build and maintain a document-oriented database for an electronic lab notebook. Implemented transactions, optimized performance and implemented a web framework using the database.

TECHNOLOGIES

Clojure, Java, Scala, JavaScript (NodeJS and Browser), TypeScript, Python, Haskell, Common Lisp, SQL, \LaTeX

React, React Native, XState, Redux, Ramda, HTML, CSS, Nginx, Firebase

Firebase Firestore, PostgreSQL, ClickHouse, Oracle, Elasticsearch, Interbase/Firebird

PUBLICATIONS

Rees, I., Langley, E., Chiu, W., & Ludtke, S.J. (2013). *EMEN2: an object oriented database and electronic lab notebook*. *Microsc Microanal* 19, 1–10

EDUCATION

Thomas Aquinas College, Santa Paula, CA
Bachelor of Arts, Liberal Arts, 2012