Lesley Chang

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WORK EXPERIENCE

Ampersand Ventures | Product Engineer
Feb 2021 – Feb 2022 | Austin, TX

- Collaborated with CTO to build three new products from the ground up: Directs (5% of business), Faktor (25% of business), and Clockwork (40% of business). This involved defining the features, designing the interface, building the feature, and monitoring the performance through metrics.
- Defined core development workflows and practices that improved the speed and quality of releases for the engineering team.
- Built apps using test-driven development (TDD) and domain-driven design (DDD) models. Most of our products had monorepo codebases.
- Tech stack: TypeScript, React, React Native, Next.js, Jest, Babel, Webpack, Express, PostgreSQL, AWS

Autopilot | Founding Software Engineer
Jun 2020 – Dec 2020 | Los Angeles, CA

- Spearheaded the development of core mobile features, increasing downloads by 50% in the first 6 months.
- Planned features and delegated tasks to a small team of contractor engineers to complete a prototype of a consumer software product.
- Built a highly available task queue for the purpose of refreshing auth tokens, syncing statistics, and sending push notifications by leveraging an GCP-based architecture.
- Tech stack: Flutter, Dart, TypeScript, Nest.js, GraphQL, Redis, GCP

Apple | Software Engineer Intern
May 2020 – Oct 2020 | Cupertino, CA

- Designed and built an internal tool for the data center operations team to better manage inventory, used by over 600 employees.
- Sourced data from existing APIs to form the very 1st single source of truth for all data center assets at Apple, worth over $100M total.
- Tech stack: Java, Spring Boot Framework, MySQL, Apache Kafka, Apache Cassandra, React, TypeScript, Styled Components

EDUCATION

University of California - Berkeley
Bachelor of Arts, Data Science, Domain Emphasis in Psychology
Aug 2016 - May 2020

- **Relevant courses:** Algorithms & Intractable Problems, Artificial Intelligence, Machine Learning
- Beta Alpha Psi Vice President, Head of Professional Development, and Pledge Advisor

SKILLS

- TypeScript, React, Next.js, CSS, Flutter, Dart, Nest.js, Express, Rust, Python, Django, Flask, Java, Spring Boot Framework
- Amazon Web Services (AWS), Google Cloud Platform (GCP), PostgreSQL, Docker, Linux, Figma

INTERESTS

- Apex Legends (FPS game), R&B, Singing, Guitar

PROJECTS

iJan Payroll Portal (Demo)

- Built a web app for a commercial cleaning company to manage payroll, used by over 200 cleaners and managers over 2+ years.
- Created triggers and functions in PostgreSQL to handle authentication and update reports.
- Tech stack: TypeScript, React, Next.js, Node.js, Express, PostgreSQL, AWS

Ripplink

- Built a cross-platform mobile app professional networking tool, used by over 100 investors.
- Tech stack: Flutter, Dart, Python, Docker, Kubernetes, AWS, GCP

Awesome Solana Dev (Demo)

- Built a search engine for Solana developers to browse open-source projects and learning resources like articles and videos
- Improved search experience by enabling users to filter repositories by topic and programming language, increasing the number of relevant repositories found from ~2,000 to ~10,000.
- Tech stack: TypeScript, React, Next.js, Node.js, Express, PostgreSQL, AWS

⌘K Menu with Search (Demo)

- Built ⌘K modal commonly found in doc sites.
- Tech stack: React, TypeScript, CSS, Emotion