

YIFAN GE

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SUMMARY

Experienced Full-Stack Software Engineer with 10+ years of expertise in building scalable, intuitive, and accessible applications for both end users and developers. Adept at leading cross-functional teams, architecting robust frontend and backend solutions, and optimizing user experiences. Passionate about performance, accessibility, and modern web technologies.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, Go, Swift, SQL
Frontend: React, Angular, AngularJS, Webpack, Sass, CSS/HTML
Backend & APIs: gRPC, RESTful APIs, Node.js
Infrastructure & Tools: Google Cloud, Git, CI/CD
Other: Machine Learning, Web Accessibility (a11y), Chrome Extensions

EXPERIENCE

Senior Software Engineer

Jan 2022 – Present

Apple Inc

Cupertino, CA

- Develop and maintain **iCloud.com** and various iCloud web services, optimizing performance for millions of active users.
- **Project DRI** for iCloud Drive Web App, led a small team of engineers, managing project planning and technical execution.
- Designed and implemented visually rich, high-performance UIs while ensuring seamless user experiences.
- Advocated for **web accessibility best practices**, improving usability for a diverse user base.
- Collaborated with product, design, and backend teams to define, develop, and deliver core product features.
- **Tech Stack:** React, TypeScript, Webpack, Node.js, Swift

Software Engineer

Nov 2015 – Jan 2022

Google Inc.

Mountain View, CA

- Full-stack developer on **Google Issue Tracker**, a widely-used project tracking tool for internal engineers and external developers managing projects for Android, Chrome, and Google Cloud Platform.
- Designed and developed user-friendly and accessible UI components with Angular and TypeScript.
- Built scalable **gRPC-based APIs and Java backend services**, improving system efficiency and performance.
- Led development of a **Chrome extension** with 13,000+ users, streamlining internal workflows.
- Contributed to **Angular Material**, an open-source UI library widely adopted by frontend developers, enhancing accessibility and UI component usability.
- **Tech Stack:** Angular, TypeScript, JavaScript, Java, Protobuf, Python, SQL, Sass, CSS, HTML

Software Engineer

Jul 2014 – Aug 2015

Motorola Mobility

Sunnyvale, CA

- Developed an **internal data analytics tool**, leading both frontend (AngularJS) and backend (Go) development.
- Deployed and managed the application on **Google Cloud App Engine**, ensuring high availability and scalability.
- **Tech Stack:** AngularJS, JavaScript, Go, Google Cloud App Engine, CSS, HTML

EDUCATION

Johns Hopkins University

Baltimore, MD

Master of Engineering, Computer Science

Sep 2012 – May 2014

Fudan University

Shanghai, China

Bachelor of Science, Information Security

Sep 2008 – Jul 2012