

Yangkai He

Software Engineer - Front End / Full Stack

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[Github](#) | [Portfolio](#)

EXPERIENCE

Walmart Global Tech Sunnyvale, CA — *Software Engineer III*

AUG 2023 - NOW

- Contributed to design and development of large-scale web platform including frontend & backend, supported with Cross-Browser Compatibility, User Experience and Performance Optimization.
- Involved in Next.js app development and built reusable web components, UI components and integrating headless CMS, as well as web accessibility and server-side rendering.

Assurant Ithaca, NY — *Software Engineer, Front End (Co-op)*

AUG 2021 - MAY 2022

- Lead development of UI component library for E-Commerce Platform using React, Next.js, Scss, TypeScript, and Storybook.
- Managed the web design for the Assurant E-Commerce Platform online sales flows, through research and prototyping.

Kingsoft Zhuhai, China — *Software Engineer, Front End*

JUL 2020 - JAN 2021

- Collaborated with project management to interpret business goals and optimize the user experience on web applications.
- Developed and designed features logic, component layouts, advertising portals, and RESTful APIs, resulting in a 25% increase in engagement.

Ford Motor Co Lansing, MI — *Software Engineer (Co-op)*

AUG 2019 - DEC 2019

- Lead the development of Ford Mobility Product Metrics, including a multi-platform chatbot and web metrics dashboard with pixel tracker
- Created an online chatbot using Node.js for Slack and WebEx Teams to communicate with users and send weekly data analysis reports.
- Integrated Grafana dashboard based for data monitoring and visualization.

PROJECTS

VibesMedia — *Software Engineer, Full Stack*

- Developed a social platform using MERN stack (MongoDB Atlas, Express.js, React, Node.js) with client and server side functionality.
- Implemented user register/login with JWT, allowing users to edit profiles, post text and images, add friends, and like/comment on posts.

Facipe Web App — *Software Engineer, Frontend*

- Created a platform to help users save money and prevent food waste by generating recipes based on fridge contents, fully responsible design.

EDUCATION

Cornell University

Ithaca, NY

M.P.S in Information Science

2021 - 2022

GPA: 4.0

Michigan State University

East

Lansing, MI

B.S in Computer Science

2015 - 2019

GPA: 3.6

EXPERTISE

- Software Development
- Web Development
- Web Design
- RESTful APIs
- UI/UX Design

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript

- **Frontend:** React, Next.js, MUI, TailwindCSS, Bootstrap, SASS, HTML, CSS, Webpack, Babel, Storybook, ejs

- **Backend:** Node.js, Express, Koa, RESTful API, MongoDB, SQL

- **Other:** Postman, Git, Jest, JIRA, Figma, Azure, R, Hadoop, canvas, D3.js, Framer.motion

LANGUAGES

- English (proficient)
- Chinese / Mandarin (proficient)

More in my portfolio site: <https://yangkai.dev/>

