

HYUN CHUNG

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WORK EXPERIENCE

Upswell Portland, Oregon
Full-stack Developer Jan 2022 - Present

- Developed projects for partner institutions, such as the Library of Congress, Nokia, Gulf of Maine Research Institute, The New York Public Library, NEC Laboratories America, Canadian Museum for Human Rights, and more.
- Designed and deployed responsive and high-performance web applications using Vue.js, Vite, TailwindCSS, GSAP, Pinia, Django, and AWS.
- Maintained and improved existing web applications using React, Angular, and PHP.

Estack Georgia
Full-stack Developer Intern Aug 2021 - Nov 2021

- Developed and implemented a full-stack web application using TypeScript, Node.js, Express.js, React, and Next.js.
- Optimized server-side rendering to reduce page load times.

Duolingo Pittsburgh, Pennsylvania
Quality Champion (Quality Assurance) Jul 2021 - Oct 2021

- Conducted cross-platform quality assurance testing on web, Android, and iOS.
- Developed and deployed a browser extension (Chrome & Firefox) to streamline localization workflows, later adopted by Duolingo's development team.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python
Frontend: Vue.js, Vite, React, Next.js, TailwindCSS, Three.js, GSAP, Qt
Backend: Django, Node.js, Express.js, Celery, WebSocket, MQTT
DevOps: AWS, CI/CD, Jenkins, Docker, Electron, Git, Kafka, CloudFront
Database: MySQL, PostgreSQL, S3, Firestore, Elasticsearch, Redis

PROJECTS

Learning Resource Hub *Javascript, Vue.js, Vite, GSAP, Python, Django, Elasticsearch, Docker, AWS*
<https://www.hyun-wt.com/works/learning-resource-hub/>
Developed an interactive educational platform with Elasticsearch-powered search engine for the Gulf of Maine Research Institute, now used by NASA research teams.

Treasures Collections Table Apps *Javascript, Vue.js, Vite, Electron, AWS ECS*
<https://www.hyun-wt.com/works/treasures-collections/>
Created an interactive exhibit application for the Library of Congress and engineered a touchscreen experience showcasing historical artifacts and digital content.

Nokia Bell Labs Website *Javascript, Vue.js, Vite, Python, Django, Docker, AWS, CloudFront, Redis*
<https://www.hyun-wt.com/works/bell-labs-website>
Developed the primary website for Nokia Bell Labs, aligned with Nokia's 2024 rebranding.

Tiffany Label Table Web App *Javascript, Vite, Three.js, Electron, BrightSign, AWS ECS*
<https://www.hyun-wt.com/works/tiffany-label>
Created an interactive 3D experience for the Toledo Museum of Art by developing a real-time artifact customization tool, allowing visitors to explore Tiffany Label designs.

EDUCATION

Oregon Institute of Technology Klamath Falls, Oregon
BS Software Engineering Tech Sep 2016 - Jun 2021

AWARDS

Dean's List Oregon Institute of Technology
Recognized for academic excellence at Oregon Institute of Technology. 2020, 2021