

Cheney Ni

Software Engineer

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Software engineer with a few years of software development experience through internships, fulltime work, and personal projects. Proficient in TypeScript, Java, Python, with experience working with multi-layered and microservices architectures.

Experience

Career Transition

📅 Sep 2023 – Present

- Following a company-wide restructuring, completed an intensive Java-focused full-stack training program at HTD Talent, obtained AWS Certified Cloud Practitioner and Developer - Associate certifications, and currently maintaining the American Chinese Pickleball Association website while developing a chat app using multiple different frontends and backends to reinforce and broaden my knowledge.

Software Development Engineer I

Amazon Web Services Inc.

📅 Feb 2023 – Jul 2023

📍 Remote - New York, NY

- Improved user experience of internship project after receiving feedback after deployment.
- Enhanced development workflow by integrating code review status notifications into a Slack channel to increase visibility of new code reviews.
- Removed expired data in DynamoDB table through scripting, resulting in a table size reduction of over 90%, lowering operational costs.

Software Development Engineer Intern

Amazon Web Services Inc.

📅 May 2022 – Aug 2022

📍 New York, NY

- Designed an implementation of a new digest email feature and reviewed it with entire team for feedback.
- Implemented redesign of a webpage using TypeScript React to enhance the customizability of the UX.
- Worked with multiple AWS tools, such as Pinpoint to send email and SMS notifications to customers, and DynamoDB to store user data.

Software Development Intern

Red Rover

📅 Jun 2021 – Aug 2021

📍 Exton, PA

- Collaborated with senior developers and another intern to fix bugs in web application using TypeScript React.
- Communicated with the Sales team through daily Agile meetings to target and fix high priority bugs.

Education

University of Michigan

2019 - 2022 Ann Arbor, US

B.S.E. in Computer Science

Honors: summa cum laude

GPA: 3.78 / 4.00

Training

HTD Talent

Full-stack Java Development

Mar 2025 - Jun 2025

Technical Expertise

TypeScript	<div></div>
React	<div></div>
Java	<div></div>
Python	<div></div>
SQL	<div></div>
Git	<div></div>

Skills/Exposure

• HTML/CSS • TypeScript • React • Python • Java • Git • AWS • Linux • Docker • MySQL • Svelte • Bootstrap • Spring Boot • Elasticsearch • JUnit • Express.js

Tools

• GitHub • Slack • Visual Studio Code • IntelliJ IDEA • Jira • Asana

Achievements/ Certifications

AWS Certified Cloud Practitioner

AWS Certified Developer - Associate

Projects

CalTracula - *Calorie tracking app*

- Developed a calorie tracking app as team of 4 for capstone project; implemented authentication and authorization using Spring Security framework with JWT, and data querying with Elasticsearch.
- Used 3-layer software architecture and Spring Boot to build full stack applications with MySQL database, Java backend, and HTML/CSS/JS frontend; and used MVC pattern to build Java application frontends.

Chat App (work in progress) - *Chat app with mix and match frontends and backends*

- Developed an in-browser chat application with a React frontend, Express backend, and PostgreSQL database.
- Implemented user authentication and authorization with the use of JSON Web Tokens.
- Roadmap includes adding Angular frontend and Spring Boot, .NET, and Django backends.