

# Eryn Seo

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**Full-stack engineer** with 3+ years of experience. Proven track record of driving project development from concept to launch as the team leader, collaborating with external teams and clients for seamless project execution. Adept at absorbing insights from senior developers and committed to guiding junior developers. Graduate of the prestigious NUS Overseas College Silicon Valley entrepreneurial program.

## Education

### National University of Singapore (NUS)

Aug 2019 – May 2023

- Bachelor of Computing (Computer Science), Honours w/ Artificial Intelligence Focus Area (Distinction)
- CAP: 4.52/5.00 (Distinction)
- Relevant Coursework: Natural Language Processing, Computer Vision and Pattern Recognition, Knowledge Representation and Reasoning (Top student), Start-up Case Study & Analysis, New Venture Creation

### NUS Overseas College · Silicon Valley, US

Jan 2021 – Dec 2021

- Completed entrepreneurship courses at Stanford University while interning at a Silicon Valley start-up to develop technical and entrepreneurial skills
- Awarded S\$5,000 VIP grant for market validation of Metrics, a digital platform bridging tailor-grade size data with fashion e-commerce businesses

### American Embassy School · New Delhi, India

Aug 2009 – May 2019

- GPA: 4.35/4.58, Graduated as Salutatorian
- 45/45 in International Baccalaureate (IBDP; top 0.21%)
- Outstanding Student in Computer Science & English (awarded to top student annually)

## Work Experience

### MarinaChain · Singapore · Tech Lead

Aug 2023 – Present

#### Software Engineer

Aug 2022 – May 2023

*Early-stage, aiming for end-to-end maritime decarbonization with carbon credit NFTs & analytics platforms*

- Led a team of 4 to implement a responsive front-end for a ship analytics web platform by translating design wireframes with Vue, Pinia and Tailwind CSS
- Introduced and enforced code review practices, automated testing workflows, and continuous integration processes, resulting in a 15% reduction in production bugs and improved release cadence
- Developed internal API integrations and leveraged third-party APIs, enhancing overall system performance and reliability and data flow efficiency
- Optimized the relational database schema, reducing data retrieval times by 20% and ensuring scalability to accommodate a growing number of users
- Collaborated with Marketing & Design teams in UI/UX design processes and directly engaged with clients to enhancing user engagement

### Propel · Silicon Valley, US · Software Engineering Intern

Jan 2021 – Dec 2021

*Series C, helping companies engage value chains across product lifecycles with Salesforce-based PLM software*

- Implemented, tested, and deployed back-end and front-end features for large-scale enterprise web application built on Salesforce Apex connected to a Node-based server deployed on Heroku
- Integrated Salesforce-based APIs and the Office365 platform to complement native Salesforce file storage which streamlined business processes, resulting in a 5% increase in product adoption
- Migrated legacy React front-end to Salesforce LWC framework and refactored existing codebase to reduce item sorting and page loading time by 30%

## Technical Skills

### Programming Languages

Javascript, TypeScript, HTML, CSS, Python, Java, C/C++, PostgreSQL, MySQL, Apex (Salesforce)

### Libraries & Frameworks

Vue, Pinia, React, Gatsby, Tailwind, Node.js, Lightning Web Components (Salesforce), Auth0

### Tools & Platforms

Git, GitHub, Bitbucket, Jira, AWS, Figma, Heroku, Firebase

## Co-curricular Activities

### NUS Amplified (Live Band Music Society) · Logistics Director

Jan 2020 – Aug 2021

- Directed annual live performance, overseeing backstage operations, logistics, and sound mixing
- Led and coordinated with over six teams comprising 30+ individuals, ensuring seamless on-stage performances

### BizIT (Business & Computing Entrepreneurship Initiative) · Project Leader

Aug 2019 – Aug 2020

- Spearheaded the development of Artwok, an Android app designed to foster a marketplace connecting self-employed disabled/elderly vendors with customers

## Skills and Interests

- Fluent in English and Korean (spoken and written); intermediate Spanish (written)
- Singer-songwriter [iink](#) with globally released digital album, amateur runner, film/literature enthusiast