

Benny Lim

Software Engineer

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Skills

Spoken Languages: English (full proficiency), Mandarin (conversational)

Programming Languages: TypeScript 5 (Angular 21), JavaScript ES6, Python 3, HTML5, SCSS, CSS3, SQL (MySQL), Apex, Lightning Web Components (LWC)

Software/Tools: Agentforce, Salesforce, Figma, Git, REST API, Elasticsearch (ELK), Grafana, Selenium, Jira, Asana

Experience

Salesforce | Member of Technical Staff (MTS), Keynote Demos

JULY 2024 - PRESENT, SINGAPORE

- **Main Keynote Demo Engineer:** Architected and engineered high-fidelity, production-grade AI prototypes for Agentforce and Salesforce's PaaS/SaaS stack, featured at premier events like *Dreamforce* and the *Agentforce World Tour*.
- **Cross-Functional Technical Liaison:** Led technical coordination between Messaging, Design, Engineering, and Global Production teams to ensure the stability of live, on-stage product demos during high-visibility keynote sessions.
- **Strategic Prototyping:** Rapidly iterated on emerging features (LWC, Agentforce) to validate product-market fit and demonstrate technical feasibility to C-level stakeholders.

DBS Bank | Platform Engineer, UI/UX & Enterprise Systems

AUGUST 2018 - JUNE 2024, SINGAPORE

- **Principal Developer, UI/UX (2021 - 2024)**
 - Designed, built, and served as the technical lead for a company-wide Angular component library.
 - Collaborated with UX teams and internal users to modernize and launch a modern finance management platform used bank-wide.
- **QA Engineer (2020 - 2021)**
- **Full-stack Engineer (2018 - 2020)**

Publications

Prime Numbers Generated From Highly Composite Numbers

[PARABOLA](#) (UNSW), VOLUME 54, ISSUE 3, DECEMBER 2018

A paper in Number Theory, exploring Prime derivation through properties of Highly Composite Numbers.

On the Infinitude of Twin Primes | DECEMBER 2023

Another exploratory paper in Number Theory, aiming to derive proof for the Twin Prime Conjecture; [pending publication](#).

Education

National University of Singapore | B.Sc Physics

AUGUST 2013 - AUGUST 2017, SINGAPORE

Majored in Physics with a focus in Astronomy, Number Theory, and Computer Science.

Nanyang Junior College | GCE A-Level

JANUARY 2009 - DECEMBER 2010, SINGAPORE

Made the honour roll for excellent A-Level results.

Leadership & Service

Singapore Armed Forces | Artillery Officer

MAY 2011 - PRESENT, SINGAPORE

Reservist officer in Singapore's military, holding the rank of Captain.