Benny Lim

Software Engineer

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Skills

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

Programming Languages: TypeScript 5 (Angular 17), JavaScript ES6, Python 3, HTML5, SCSS, CSS3, SQL (MySQL)

Software/Tools: RESTful API, Figma, Elasticsearch (ELK), Grafana, Serenity BDD, Selenium, Bitbucket, Git, Jira, Jenkins, Confluence

Operating Systems: Windows, Linux, AIX

Experience

Salesforce | Front-end Software Engineer, Demo Team
JULY 2024 - PRESENT, SINGAPORE

DBS Bank | Enterprise Software Engineer
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 users and UX designers to re-platform, design, and build a bank-wide finance management platform.

- **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

An exploratory paper in Number Theory.

On the Infinitude of Twin Primes | DECEMBER 2023

Another exploratory paper in Number Theory, focusing on 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.

Military

Singapore Armed Forces | Artillery Officer
MAY 2011 - PRESENT, SINGAPORE

Serving as a Captain in Singapore's military reserve force.