Benny Lim

Software Engineer

+65 9272 2163 | bennyljq@gmail.com | bennyljq.github.io/demo

Skills

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

Programming Languages: TypeScript 5 (Angular 17), JavaScript ES6, Python, 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

DBS Bank | Enterprise Software Engineer

AUGUST 2018 - PRESENT, SINGAPORE

- **As UI/UX engineer** (2021 - Present) - Designed, built, and currently leading a company-wide Angular component library serving all enterprise applications.

  Collaborated with users and UX designers to re-platform, design, and build a bank-wide finance management platform.

- **As QA engineer** (2020 - 2021) - Built and maintained an automated functional regression testing suite using Serenity BDD which reduced monthly toil by ~100 hrs.

- **As full-stack engineer** (2018 - 2019) - Designed and built finance dashboards using Grafana, Elasticsearch, and MySQL to publish critical live data which serves hundreds of daily users to this day.

World Scientific Publishing | Editor

FEBRUARY 2018- JULY 2018, SINGAPORE

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.