Jiayee Lim

Software Engineer

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SKILLS

Programming languages: Python, JavaScript, Java

Frameworks and libraries: React, Spring Boot

EXPERIENCE

Indeed.com, Singapore - *Senior Software Engineer (Full-time)*

JAN 2023 - MAR 2023

- Drove the technical direction of the team by championing testing, adoption of effective testing tools and tech debt management with actionable steps.

- Defined the standards of business localisation intake by implementing a self-service form creator. Led the project from idea, design to execution. Delivered a proof-of-concept.

Indeed.com, Singapore - *Software Engineer (Full-time)*

JAN 2019 - DEC 2022

- Single-handedly saved the company 180,000 USD/year by replacing outsourced manual labour with an error-resilient data pipeline which reads XTM LQA data and loads them into Tableau periodically.
- Reduced the time taken to localise products, from months to days, by streamlining translation workflows such as detecting untranslated texts in codebases and creating translation requests for them.
- Enabled marketing teams to set up campaigns sustainably through a self-service platform.
- Boosted employer engagement through personalisation of email marketing based on activity data.
- Accelerated product delivery by influencing the team to prioritise code reviews. Shortened the code review cycle, which was mainly composed of waiting, from 7 to 2 days.
- Emerging technical leader - guided the team in solving broad problems, managing stakeholders, prioritising work items and establishing best practices in software delivery.
- Won the "Product, Technology and Engineering" award in the Indeed Singapore hackathon twice in 2020:
  - Introduced a data architecture proof-of-concept that streams data from various databases into Elasticsearch through Kafka. The team eventually ended up with only one type of database and used Monstache to load data from MongoDB into Elasticsearch.
  - Created an automatic cyber spotter for illegal wildlife trade and demonstrated the empowerment of sustainability through technology.
  - Other entries:
    - Simplified testing by writing a JSON-configurable database seeder for MongoDB.
    - Created a single-page frontend application for presenting walk-in interview opportunities, aligned with Indeed's strategy of "get(ting) closer to the hire".
    - Led a team of 4 to deliver GreenDeeds, a habit tracker for sustainable habits. Planned the work items and operated smoothly in parallel.

ViSenze, Singapore - *Software Engineer (Part-time Intern)*

DEC 2018 - MAR 2019

- Guaranteed code correctness through tests in the image management platform. Unveiled bugs.
- Enhanced UX in the internal data platform through advanced form fields and form validation.

Visa, Singapore - *Software Engineer (Intern)*

MAY 2018 - JUL 2018

- Enabled configurable and programmatic performance testing by creating an Apache JMeter wrapper.

Visa, Singapore - *Systems Engineer (Intern)*

MAY 2017 - JUL 2017

- Eased access to virtual machine (VM) logs by delivering a configurable Chef client logger.
- Eliminated manual routines in IBM DataPower device deployment by implementing an Ansible module.

OTHER PASSIONS

Indeed.com, Singapore - *Regional lead of the employee-initiated Indeed Green Team (iGreen) APAC*

JAN 2020 - MAR 2023

- Regularly engaged a community of 110 members in APAC with sustainability news and calls to action.
- Led the coreteam of 4 with clear goals, strategies, OKRs on employee engagement and action items.
- Organised iGreen Learn, a series of sustainability learning/sharing sessions. Maintained a strong engagement (30 people) without the need for monetary incentives.
- Organised a hands-on composting workshop in the office, the first of its kind, and achieved a strong engagement (20 people - typical number of people coming to the office is 45).

Indeed.com, Singapore - *Indeed Brand Ambassador*

SEP 2019 - MAR 2022

- Represented Indeed at local university recruitment events and helped out at technical workshops.
- Assisted with Indeed's branding campaigns (i.e. blog, interview and photoshoot).

Open Government Products, Singapore - *Volunteer at FormSG*

SEP 2020 - PRESENT

- Volunteering with FormSG at a cadence of 1 hour/week. Contributed to 17 issues.

EDUCATION

National University of Singapore, Singapore - *Bachelor of Computing (Honours) in Computer Science*

AUG 2015 - JUL 2019

AWARDS

The Google Anita Borg Memorial Scholarship

PwC Outstanding Award for Whole Leadership