

Peijun Ma

peijun.ma@pm.me | (647) 809-5248 | <https://www.linkedin.com/in/peijun-ma/> | <https://peijun.dev>

Skills

Proficient: Scala, Python, Docker, Terraform, Google Cloud Platform, Linux, Kubernetes, TypeScript, Angular, Java, Jenkins

Familiar: Haskell, Rust, Vue.js, C#, AWS, C

Experience

CircleCI

June 2021 – Present

Software Engineer

Garner Distributed Workflow

November 2018 – April 2021

Software Engineer

- Improved software delivery speed and consistency by implementing the **GitOps** process using **ArgoCD**
- Increased horizontal scalability of the production system by 30% by migrating the system to **Kubernetes**
- Granted the ability to improve the production infrastructure to the dev team by developing infrastructure as code project using **Terraform**
- Optimized the performance of graph DB queries by 2000x by reducing the runtime complexity of result parsing from $\mathcal{O}(n^3)$ to $\mathcal{O}(n \log n)$
- Improved the maintainability of the codebase by championing **functional programming** with weekly study sessions
- Reduced CI costs by **60%** by migrating from Jenkins to Google Cloud Build

Projects

Chat bot

Open Source project

<https://github.com/MaT1g3R/YasenBaka>

- Created a chat bot serving 1000+ chat rooms at its peak
- Explored asynchronous programming using the **asyncio** library
- Deployed the application using Docker to **AWS**

Education

University of Toronto

September 2016 – April 2021

Bachelor of Science, **Computer Science Specialist**