

Tatsuya Oiwa

Backend Software Engineer

PROFILE

10+ years hands-on experience in backend services design and development for large-scale consumer platforms. Extensive knowledge of cloud based architectures, software design patterns and domain modeling. Highly motivated team player with incessant and intellectual curiosity.

SKILLS / TOOLS

Java, Node.js, AWS (EC2, ECS, RDS, Redshift, DynamoDB, ElastiCache, S3, SQS, SNS, Lambda, etc.), REST, GraphQL, SQL, Elasticsearch, Stripe, SendGrid, Auth0

EXPERIENCE

Senior Backend Engineer, Quartz; New York, United States — 2019/06–Present

- Responsible for planning, coordinating and leading the development of backend systems for Quartz and NewsPicks as features from two platforms are integrated after NewsPicks' acquisition of Quartz.
- Designed and developed the backend of Quartz's first paid subscription service, Quartz Membership, from scratch and have grown it to reach 20,000 subscribers.
- Implemented technology roadmaps according to business strategies and made detailed plans for development, testing, quality assurance and maintenance.

Senior Engineer, NewsPicks USA; New York, United States — 2018/03–2019/05

- Internationalized and localized the backend API, business logic and infrastructure of Japan's leading business news platform, NewsPicks, for the US market.

Software Engineer, Gilt Japan, Tokyo, Japan — 2016/06–2019/02

- Developed and maintained various e-commerce features of Japan's largest luxury apparel flash sale site, including product search, shopping cart and payment.
- Identified and improved application performance bottlenecks to handle high volumes of traffic at peak times.

Software Engineer, Rakuten, Tokyo, Japan — 2010/04–2016/05

- Built a robust and scalable deployment system for a large-scale self-service distributed search platform used by Rakuten's e-commerce brands worldwide.
- Implemented UI tools for search AB testing and ranking score visualization.

EDUCATION

Shizuoka University, Japan — Bachelor of Science, Informatics, 2006–2010

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