

Brian Norlander

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SUMMARY

Software Engineer with 3+ years of experience building web applications using Java, Kotlin, Springboot, MongoDB, Rabbitmq, and more. Adept learner with a demonstrated history of delivering high quality code and getting it into production. Effective communicator and collaborator with a proven ability to work with diverse, cross-functional teams in 4 different countries.

EXPERIENCE

- **Picnic Technologies** Amsterdam, Netherlands
Software Engineer *Feb. 2021 - Present*
 - **Java Features:** Designed, implemented, tested, and released several features that contributed to the innovative Picnic grocery delivery app using Java, Reactor, and Test Driven Development.
 - **Microservices Architecture:** Refactored a monolithic Java codebase containing 100+ modules and 10+ separate deployables into a microservice architecture.
 - **Delivery History Service:** Created a central service that stores historical deliveries using Java, Rabbitmq, and MongoDB that powered the personalized purchases page, the dynamically generated Picnic app home screen.
 - **Authentication Proxy:** Revamped Picnic's Authentication Proxy using JWT Tokens in Python, addressing several security concerns and unifying the authentication and authorization approach across several microservices.
- **Rakuten** Tokyo, Japan
Software Engineer *Mar. 2019 - Jan. 2021*
 - **Kotlin Microservice APIs:** Developed hotel search Microservice APIs for Rakuten Travel, Japan's largest Online Travel Agency, using Kotlin, Java, MongoDB, Elasticsearch, and SQL.
 - **Mentorship & Promotion:** Mentored an intern in the summer of 2019 and got promoted in June 2020 to a mid-level engineering position, responsible for leading the development of many new features.
 - **Kafka Streaming Architecture:** Created a data sync pipeline using Kafka to capture changes from Oracle Golden Gate and propagate them into MongoDB, enabling the APIs to search Japan's largest hotel inventory.
 - **Kotlin & Reactor Innovation:** Introduced Kotlin and Reactor to the search-related microservice APIs as well as promoted best practices for java libraries JUnit, AssertJ, Mockito, and Guava.
 - **Consumer Driven Contracts:** Implemented a Consumer-Driven Contract solution using Pact to manage the interface changes of the APIs in our ecosystem.
- **Ecolab** St. Paul, MN
Software Developer Intern *Summer 2018*
 - **Agile Development:** Participated in full-stack agile development in Salesforce using JavaScript and Apex.
 - **Data Importing Tool:** Created an automated data importer, speeding up the data importing process by 5000%.

EDUCATION

- **University of Minnesota** Minneapolis, MN
Bachelor of Science in Computer Science; GPA: 3.59 *Sep. 2015 - Dec. 2018*
- **Hong Kong University of Science and Technology** Hong Kong, Hong Kong
Science and Engineering Exchange Program *Sep. 2018 - Dec. 2018*

AWARDS & SCHOLARSHIPS

- **Dean's List:** 2015 and 2017
- **China Center Scholarship Recipient:** Fall 2018