# Gabe Goodman

## Software Engineer  Tokyo, Japan

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gabe-goodman.com

## Technical Skills

***Languages and Frameworks:*** Python, JavaScript, React, Redux

***Databases:*** GraphQL, REST, PostgreSQL, MySQL, MongoDB

***Version Control and Testing:*** Git, TDD/BDD, Jasmine, Mocha/Chai

***Cloud Services:*** GCP, AWS

***Libraries:*** Pandas, GeoPandas

***Processes:*** Agile, Scrum

## Projects

***E-Mina – Pop Culture Tourism App,*** *github.com/YACT-jp/E-Mina-mobile-frontend*
*Mobile application for searching and sharing real-life locations from Japanese pop culture*

- Led frontend development effort for key features using **React Native** framework for Android
- Researched and integrated mobile feature libraries such as **React Navigation**, **React Native Maps**
- Leveraged **NativeBase framework** for rapid-prototyping of component UI, feature functionality
- Facilitated communication with backend engineers regarding API endpoints, database structure
- Implemented user authentication and account creation using **MongoDB Realm** cloud services

***Festival Finder – Interactive Map,*** *github.com/Gabe-Goodman/Festival-Finder*
*Responsive web application guiding users to participating shops for community events*

- Designed feature-rich, full stack SPA in **React** using modular components, **Firebase**, **Maps API**
- Deployed full stack application using **Firebase Hosting**, continuous deployment using **Netlify**
- Executed preliminary user testing, relayed results to stakeholders during informal meetings

## Work Experience

***Software Engineer,*** Tokyo, Japan                                                                Aug 2022-Present
*Rakuten Group – Rakuten Mobile*

- Iteratively developed and deployed internal tooling in Python leveraging data analysis libraries
- Translated stakeholder requirements into specifications for software performance and logic
- Collected user feedback, tracked KPI trends for verification and continuous improvement

***Assistant Language Teacher,*** Tokyo, Japan                                                     Jul 2019-2022
*JET Program – Tanashi Technical High School*

- Refined, standardized curriculum rubrics for department alignment, resource consolidation

***Medical Device Engineering Co-op,*** Framingham, MA                                    Jan-Aug 2018
*Bose Corporation – Bose Hear*

- Informed the development of a direct-to-consumer hearing aid as a cross-functional engineer
- Fabricated models using rapid-prototyping; conducted preliminary wear tests for fit and comfort

***Mechanical Engineering Co-op,*** Boston, MA                                                   Jan-Dec 2017
*Philips Healthcare – Connected Sensing*

- Applied knowledge of material properties in designing a biocompatible, wearable biosensor

## Education

**Northeastern University,** Boston, MA                                                                May 2019
Bachelor of Science in Bioengineering
*Concentration in Medical Devices, Minor in Materials Science and Engineering*
**GPA:** 3.73 **Honors:** University Honors Distinction, *magna cum laude*

**Code Chrysalis,** Tokyo, Japan                                                                Dec 2021
Advanced Software Engineering Program
*Full Stack development with agile methodologies*