

# Htin Linn Aung

Software Engineer

htinlinnaung.com

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## EXPERIENCE

### Lunchbox Technologies Inc | *Software Engineer*

2020 - Present

- Built & designed dashboard app to match Figma mockups, using custom React functional components, hooks, Context API, Formik, Axios, YupJS, Ant Design, Framer Motion & Nivo
- Maintained backend APIs using NodeJS, Express, MongoDB, Joi, AWS & external APIs/integrations
- Set up style guides & pre-commit hooks using Prettier, Husky, Lint-Stage & DangerJS
- Implemented unit tests for components & set up CI/CD pipeline using GitHub actions/Circle CI
- Led initiatives for automating documentations & improved documentation coverage up to 80%
- Conducted code reviews on pull requests for better practices & cleaner codes
- Administered hot-fix releases to resolve bugs & issues on apps & platforms for better reliability
- Helped scale up the company from 20 employees to 180 employees in 10 months by interviewing & mentoring junior/mid-level engineers on daily-basis
- Collaborated with multiple teams & developed cross-platform features/configurations

### Mosaic Microservice Dev Tool | *Software Engineer*

2021 - Present

- Designed systems & modules to provide valuable insights into developers' microservices
- Implemented microservice catalog, mapper & monitor using NodeJS, Express, React, etc
- Built & published an NPM package for communicate between our monitor & developers' services
- Automated data visualizations for event-driven microservice architecture using D3
- Led a team of 4 engineers & managed 10 sprints as a scrum master
- Researched & experimented with design patterns & strategies in microservice architecture
- Product developed under tech accelerator OS Labs ( [opensource.labs.io](https://opensource.labs.io) )

### Mphasis | *Software Engineer*

2019 - 2020

- Collaborated with teams & implemented flight reservation-email notification system
- Built systems for clients using Java, Spring, NodeJS, ExpressJS, Hibernate, Sequelize, Oracle, MySQL, MongoDB, HTML5, CSS3, Angular 4, React, Redux, JUnit, Jest, Git & APIs

### BotFactory Inc | *Software Engineer*

2019

- Built new custom features & upgraded existing features in ERP & CRM systems on Odoo for the engineering teams and sales teams using Python, XML, JavaScript, Java VM, QWeb & Linux
- Designed & implemented customer support ticket tracking kanban boards

### Neuromatters LLC | *Software Engineering Intern*

2017

- Created an immersive virtual Times Square and VR game, using Unity Game Engine & 'Go Map' API, integrating Oculus Rift with Brain Computer Interface Technologies (EEG)
- Independently conceptualized & built a data-visualization web app, implementing D3 & VideoJS

### BotFactory Inc | *Engineering Intern*

2016

- Assisted CTO & Lead Engineer with R&D projects, enhancing coordination for 3D printers & apps
- Designed 2 PCBs(Printed Circuit Board) to test & specify functional limits of the printers & apps
- Analyzed & proposed improvements in UX. Accelerated weekly software update release rate

## SKILLS

### Web

JavaScript, TypeScript, React, Redux, D3, Nivo, NodeJS, Express, GraphQL, Apollo, Mongoose, Sequelize, Formik, Axios, Lodash, NestJS, NextJS, ElectronJS, Angular, HTML5, CSS3, Sass/SCSS, Ant Design, ReactStrap, MaterialUI, Bootstrap, Java, Spring, JDBC, Hibernate

### Database

MongoDB, PostgreSQL, MySQL, Redis

### Testing & CI/CD

Jest, Enzyme, Mocha, Cypress, Puppeteer, JUnit, GitHub Actions, CircleCI, TravisCI

### Cloud/Hosting

AWS, Google Cloud, Netlify, Heroku

### Authorization/Authentication

OAuth 2.0, JWT, PassportJS, BCrypt, Cookies, Sessions

### Tools

Git, GitHub, NPM, Yarn, Babel, Docker, WebPack, ER Diagram, UML, Command Line Tools, Stripe, SendGrid, OpenGL

### Data

Python, Pandas, Matplotlib, NumPy, Scipy, Scikit-Learn, Google Colab

### Architectures/Concepts

REST, Microservices, Containerization

## EDUCATION

B.S in Computer Science  
(Queens College, CUNY)

## AWARDS & SCHOLARSHIPS

IBM Vault Winner  
NYC Tech Talent Pipeline Residency  
Capital One Tech Entrepreneurship  
Capital One Seed Capital  
Global UGRAD Exchange

## HOBBIES

Rock climbing | Gaming | Drawing |  
Cooking & Mixology | Crafting & Home  
Improvements | Father of 5 hamsters &  
a Japanese-Spitz-Jindo mix rescue