

# ALLAN LA

## FULL STACK SOFTWARE ENGINEER

### CONTACT

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<https://allanla.github.io/portfolio/>

### EDUCATION

B.S.E. in Computer Science and  
Engineering

Bucknell University

Minor in Mathematics

### SKILLS

C#, Python, Java

Node, Typescript, JavaScript

Redux, React, React Native

HTML, CSS, Tailwind

REST, tRPC, GraphQL

Android, iOS

Linux, Windows

Azure, AWS

### INTERESTS

Product Management

Mobile Development

Web Development

Full Stack Development

### FULL STACK SOFTWARE ENGINEER SUMMARY

- Experienced in end-to-end development and collaboration with stakeholders to exceed project requirements and deliver successful projects within timeline constraints.
- Proficient in developing React web applications and React Native mobile applications for both iOS and Android platforms, with expertise in integrating native libraries and using Redux for state management
- Knowledgeable in designing scalable API infrastructure and data structures using modern design patterns.
- Highly skilled in a wide range of technologies, including Git version control, Typescript, JavaScript, and a variety of cloud services offered by cloud computing platforms like Azure

### PROFESSIONAL EXPERIENCE

#### SENIOR FRONTEND ENGINEER

Azura / May 2024 - Present

- Implemented dynamic asset rendering on Portfolio page using advanced metrics and calculation hooks.
- Developed Line Chart to display historical asset changes effectively.
- Led development of Discover page for efficient large dataset management with virtualization, lazy loading, enhanced filtering techniques, and state sharing for smooth user interactions

#### SOFTWARE ENGINEER III

Amazon / February 2024 - May 2024

- Redesigning and creating micro-services for the Robotics Organization leveraging AWS
- Primary project focused on developing an integration testing framework from 0-1 leveraging Docker Compose and internal tools for Warehouse Fulfillment Services
- Delivered a new CDK Stage to add to existing AWS Pipelines to automatically run the integration testing framework

#### SOFTWARE ENGINEER II

Meta / December 2021 - November 2022

- Led full stack delivery of the React Native notification project, driving significant user engagement and contributing to the success of Project Aria's data collection.
- Collaborated closely with product managers to deliver additional key features such as personal statistics to increase user engagement and geofencing to comply with local regulations.

#### SOFTWARE ENGINEER I + II

Microsoft / September 2017 - November 2021

- Developed and delivered a COVID-related project for transitioning employees back to the office
- Successfully onboarded and ingested data for 60,000+ users without any service outages, utilizing an automated solution provided through a serverless function.
- Worked closely with cross-functional teams to build and deliver a React Native application targeting both iOS & Android