

Anand Krishnan

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Atlanta, GA

Aug. 2019 – Dec. 2022

Concentrations: Intelligence and Information Internetworks

GPA: 4.00

- **Coursework:** Object-Oriented Programming, Data Structures & Algorithms, Computer Org & Prog, Artificial Intelligence, Systems & Networks, Objects & Design, Machine Learning, Computer Networking, Database Systems

EXPERIENCE

Meta/Facebook | Solutions Engineering Intern

August. 2021 – Nov. 2021

- Created a PHP logging infrastructure for improving efforts to stabilize Facebook Ad Onboarding process for e-commerce companies resulting in a **90% increase** in debugging efficiency & unblocking thousands of customers.
- Led the release of a new version of the FBE Magento plugin: github.com/facebookincubator/facebook-for-magento2

ServiceNow | Software Engineering Intern

June 2021 – August. 2021

- Built 2 internal Ruby APIs to summarize and update TLS info with keytool/OpenSSL libraries yielding **100%** security coverage for all user app instances. Created partnering RSpec tests to ensure correctness in all scenarios.

Kimberly-Clark | Software Engineering Co-op Intern

Jan. 2021 – May 2021

- Created an automated blurring utility with Flutter for anonymizing media using TensorFlow BodyPix and Azure durable functions & containers allowing for the use of consumer data in K-C product research studies globally.
- Added 5 features to Scott-brand Flutter application leading to increased publicity and improved public image.
- Identified and improved code inefficiencies that **led to a 60% increase** in overall app stability and accuracy.

IntermX | Software Engineering Intern

May 2019 – Aug. 2019

- Used Swagger OpenAPI, PlantUML, and Spring to design 5 specifications and implement 2 Java RESTful API endpoints for route search & creation capabilities leading to a **75% increase in web service functionality**.
- Implemented JUnit and Maven to debug build issues & produce tests achieving a 20% reduction in the error rate.

RESEARCH & PROJECTS

Rentable | React Native, Expo, Firebase Auth, Realtime Firestore DB, Django, Figma, Git

Jan. 2022 – Present

- Lead Developer and Project Manager for independent startup team building a cross platform mobile application
- Built: Auth (email/phone verification, Google & FB integration, MFA), User state persistence & account lifecycle
- Scouting funding opportunities from investors, working with lawyers for patent, preparing go-to-market strategies

Health Port | React Native, TypeScript, Expo, Ignite CLI, Figma, Git

Oct. 2020 – Dec. 2021

- 1st Place at HackGT 7: NSIN Sponsored Challenge | devpost.com/software/health-port
- Collaborated with the US Army rangers to create a single interface to aggregate data from a plethora of fitness-tracking devices using their respective APIs to **improve operational efficiency of trainers by 70%**.

Vision | Auto ML Vision Edge, Android App Development, Git

Aug. 2019 – Jan. 2022

- Collaborated with the GT Sonification lab to build a novel, low-cost wearable device to assist the disabled and visually impaired population with detecting obstacles during navigation yielding a **95% reduction in accidents**.
- Using tailor-made TF-lite model along with gap detection and whiskering algorithms for efficient pathfinding.
- Competed in the semifinal round at the 2021 InVenture Prize Competition at Georgia Tech.

EXTRACURRICULAR & VOLUNTEERING

Bits of Good - Hack-4-Impact | Senior Developer | www.bitsofgood.org/projects/mapscout

Jan. 2020 – May 2021

- Coordinate a team of developers to implement a variety of front-end / back-end features using React, Firebase, Node.js & TypeScript **leading to 5 additional nonprofit clients and a 10% increase in user-retention**.
- Example features include import/export CSV functionality for Mapscout with react-papaparse & npm.

TECHNICAL SKILLS

Languages: Java (proficient), JavaScript (fluent), Python (fluent), Ruby (fluent), HTML & CSS (fluent), Dart (fluent)

Frameworks/Libraries: Flutter, React, Node.js, Express.js, JUnit, JavaFX, HTTP, Raspberry Pi, Arduino, OpenCV

Tools: Azure Services, Git, Docker, Google Cloud Platform, Linux CLI, Jira, Postman, Expo, Ignite CLI, Maven, Swagger OpenAPI Specifications, PlantUML, GitHub, Android Studio, Vim, Tomcat, npm, Figma, Auto ML Vision Edge