Anand Krishnan

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
Bachelor of Science in Computer Science — *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

Twitter | *Rescinded Software Engineer* — Dec. 2021
Meta/Facebook | *Software 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**.

TECHNICAL SKILLS

Languages: Java (proficient), JavaScript (fluent), Python (fluent), MySQL (fluent), HTML & CSS (fluent), C (fluent)
Frameworks/Libraries: Flutter, React, Node.js, Express.js, JUnit, JavaFX, HTTP, Raspberry Pi, Arduino, OpenCV
Tools: AWS Services, Git, Docker, Google Cloud Platform, Linux CLI, Jira, Postman, CI/CD, Spring Boot, SSO, SAML, OAuth, Maven, Swagger, Data Pipelines, Azure Services, Android Studio, npm, Figma, Auto ML Vision Edge