Amaan Marfatia

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EXPERIENCE

LinkedIn   **Sunnyvale, CA**
Android Engineer   *Apr. 2022 – Present*
- Worked with the Premium Management team on the flagship LinkedIn Android app.
- Created UI A/B tests for users to manage their subscription resulting in over $550K annualized revenue.
- Added tracking metrics for API endpoints to monitor issues and downtime for Android clients.

Match Group   **Dallas, TX**
Full Stack Android Engineer   *Aug. 2021 – Apr. 2022*
- Continued working on the Android dating app Ship that I created during my internship.
- Created a Docker hosted Ktor backend API along with OpenAPI documentation to manifest an internal innovation project for user safety that can be used by all brands.
- Worked with and incorporated many solutions such as AWS DynamoDB, ECR, ECS, and HashiCorp Vault.

Amazon (AWS)   **Seattle, WA**
Software Development Engineering Intern   *May 2020 – Aug. 2020, May 2021 – Aug. 2021*
- Worked on the X-Ray CloudWatch team and used Java and XML.
- Created an internal service to export X-Ray distributed tracing data in the New Relic format.
- Investigated and updated X-Ray architecture to accept and process W3C distributed traces.
- Used AWS DynamoDB, S3, CodeDeploy, and EC2 to run and deploy the service.

Match Group   **Dallas, TX**
Android Engineering Intern   *Jan. 2019 – May 2019, Aug. 2019 – Apr. 2020*
- Worked on the Plus1 Labs team to create Ship, an Android dating app with over 100,000 installs, from the ground up.
- Formed reactive screens and UI using Kotlin, XML, SQL, and Android architecture components.
- Created and communicated with API using Ruby, Room database, Retrofit, and Moshi.
- Developed a CI/CD pipeline using Jenkins that can push builds to the Play Store, make build notes, and inform the team of failing builds, linting issues, and code coverage drops using Jacoco.

EDUCATION

Georgia Institute of Technology   **Atlanta, GA**
M.S. in Computer Science   *Aug. 2021 – May 2023*
- Concentration in Computing Systems   GPA: 4.0
- Key Classes: Database Systems Concepts and Design, High Performance Computing

Georgia Institute of Technology   **Atlanta, GA**
B.S in Computer Science and Mathematics (Highest Honors)   *Aug. 2017 – May 2021*
- Concentrations: Information/Internetworks, Systems and Architecture   GPA: 4.0
- Extracurriculars: Programming Team, Math Club, Chess Club
- Key Classes: Data Structures and Algorithms, System and Networks, Design and Analysis of Algorithms, Advanced Operating Systems, Computer Networking, Information Security, Processor Design

PROJECTS

Firefox Preview
Mozilla's Open-Source Android Browser
- Used Kotlin to set the user's keyboard to private mode when in private browsing so that typing history is not saved.
- Used XML to flatten out layout hierarchies of several UI elements.

SKILLS / LANGUAGES

Programming Languages: Java, Kotlin, C, C++, Python, SQL, Dart, JavaScript, TypeScript
Technologies: Ktor, AWS, Android, Web Development, Git, GitHub, Jenkins, Flutter, Firebase, Electron, React