Amir Iqbal

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WORK EXPERIENCE

Software Engineer — August, 2023 – Present
PlaySimple Games(MTG) — *Bangalore, India*

- Taking end-to-end ownership in development of **Tile Match**.
- Led design and development of ***Multi-player Event Infra*** using **C#, Redis, Golang, Unity**, which lets players compete against each other in real-time.
- Optimised file read/write operations on Android by moving them to a different thread using **Java (Executor Service)**.
- Designed and presented tech plan for ***Localization***, a plug-and-play package solution for localising games across various geographies, developed using **C#, Python, OAuth2, Unity**.
- **Reviewed Peer Code** extensively to ensure the code quality and best practices in production.

Associate Software Engineer — August, 2022 – July, 2023
PlaySimple Games(MTG) — *Bangalore, India*

- Designed algorithms to develop the core game mechanics of **Tile Match** from scratch using **Graphs**, achieving the **company's fastest release** record of 2 months.
- Automated **Android Build Process** across all environments using **Jenkins, Python and Fastlane**, cutting down build time by 80%.

Software Development Engineer Intern — August, 2021 – July, 2022
PlaySimple Games(MTG) — *Bangalore, India*

- Built numerous features in **Destination Solitaire** using **C#, Unity, Java** in an agile, fast-paced startup environment.
- Maintained app stability metrics in production by regularly fixing crashes and ANRs, keeping **Crash free rate above 98%.**

PROJECTS

InvestmentTracker | ***Java, Docker, OAuth2*** — *Code*
- This is a REST API service built using Spring Boot, which keeps track of user's investment.
- Repository read-me file has details about the endpoints and Docker image.
- Used MongoDB cluster for storing user data.
- Added OAuth2 using Spring Security, with Google as Authorization Server.

See Algo | ***HTML, CSS, Vanilla JavaScript*** — *Video* | *Code* | Link
- This project visualises some basic algorithms which helps folks grasp algorithms faster.
- Algorithms Visualized: **Binary Search, Linear Search, Bubble Sort, Selection Sort, A* Path Finding Algorithm.**

ACCOMPLISHMENTS

- Solved 700+ problems on various platforms. **(Language - Java)**
  Coding Profiles : **Leetcode Codeforces Codechef**
- Ranked **1829** amongst **15,000+** candidates world-wide in **Google-Kickstart Round B(2021)**

EDUCATION

KIET Group Of Institutions, AKTU — CGPA : 8.33
B.Tech in Information Technology — *July, 2022*