

Anirudh Makhana

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ABOUT ME

An astute student trying to make contribution to the society by making this world a better place by using his knowledge in technology. My interests include Mobile, Electric Cars, Smart Homes, Applications of AI, Internet of Things, web3.0 and blockchains.

EDUCATION

- **King Mongkut's Institute of Technology Ladkrabang** Bangkok, TH
Bachelor of Engineering: Software Engineering; GPA: 3.30 Aug. 2019 – Aug. 2023 (Expected graduation)
- **International Pioneers School** Bangkok, TH
High School; GPA: 3.80 Aug. 2010 – July. 2019

PROJECTS

- **ETH-Tweets:** A small scaled social media platform which allows users to tweet at. Built on the ethereum blockchain on the rinkeby network. Written in Solidity, Infura, React.js, and Python. Deployed using Vercel. Find the project here.
- **DOG NFTs:** Built this for understanding the core concepts of web3.0, these include writing smart contracts, deploying scripts, testing and interacting with the Ethereum Blockchain (testnet). Written in Solidity, eth-brownie, Python
- **Doctor Consultation Website:** A platform designed for doctors and patients to meet up online anytime, anywhere. Written in HTML, Bootstrap, CSS, Javascript, Django, WebRTC.
- **Handwritten Digit Recognition:** Handwritten digit classification using Convolutional Neural Networks (CNN). Written completely in R.
- **A* Maze Pathfinder:** A visualizer helped to view how A* search takes place and finds path within a user generated maze. Written in Python and Prolog.
- **Sinner Dating App:** A dating app designed for university students. Technologies used: Java, Android Studio, Firebase, Git
- **Music Visualizer w/ WS2812b LED Strip:** Create eye-pleasing visuals as the lights dance with the music. Written in python with Raspberry Pi 4.

EXPERIENCE

- **LINE Company** Bangkok, TH
Software Engineer Intern, Android May 30 - Aug 6, 2021
 - **LINE MyShop:** Designed and implemented a widget for LINE MyShop. Dependencies were injected via Koin, Kotlin Coroutines were used, AlarmManager was used for running background tasks and Retrofits were used to call the API. The code base follows clean architecture standards.
 - **Google In-app Review:** Implemented Google's API for in-app review which would allow users to review the app without having to exit the app. Once done, it would continue the normal workflow.
 - **Google In-app Updates:** Implemented Google's API for in-app updates which would allow users to update the app without having to exit the app. Users can use the app while the app updates in the background.
- **Google Developers Student Club, KMITL** Bangkok, TH
Core Member Aug 2021 - Present
 - **Connect, Learn, Grow:** Google Developer Student Clubs (GDSC) are community groups for college and university students interested in Google developer technologies. Students from all undergraduate or graduate programs with an interest in growing as a developer are welcome. By joining a GDSC, students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and their community.

LANGUAGES AND SKILLS

- **Languages:** Hindi [Native], English [Professional], Thai [Elementary], Marwari [Native]
- **Programming languages:** Python, Javascript, Kotlin, C++, Java, ARM Assembly, Solidity, R, Data Structure Algorithms
- **Technologies:** Django, React, Remix, eth-brownie, Git, Android Studio, Visual Studio Code, UNIX terminal
- **Soft skills:** Team work, Creativity, Cooperation, Independent, Organization, Self-Confidence

Why is it always Day 1?

Day 1 is a mindset that allows us as humans to always challenge ourselves to solve problems. The reason it is always Day 1 is because you are always trying to pursue more and grow as an individual. You're simply not stuck on the information you had yesterday. Day 1 is actually one of the main reasons behind Amazon's success, and this idea was given birth by the founder of Amazon, Jeff Bezos.

The reason we do not want to get close to Day 2 is because it represents a dead mindset. Mindset that brings down productivity, morale, and motivation. You can't be terrified of change if you stick to the Day 1 mindset. You must figure out how to make your company's future brighter. The best way to do this is to surround yourself with the proper talent. It may be more expensive at first, and finding the appropriate personnel may be difficult. However, when you assemble a group of creative professionals, the possibilities are limitless.

Allow your team leaders and other professionals the creative flexibility to accomplish their jobs. When you give the brightest brains access to their full potential, the best things happen.

How is Day 1 related to this internship? Well, since we're new and have just taken our first steps into our professional career, we are likely to be nervous and face a lot of problems. This is a perfect example of Day1. Why? Because we are going through a new experience. An experience which is not usually taught at universities.

One of the criteria on the application description is "As an intern, you will independently own a key business project...". The word independently here represents Day1. It's because we are being put in a completely new situation for the first time, and we need to be able to have skills to tackle and solve the problem. The usage of the word "leaders" is Day1, because leading represents teamwork, respect and communication. Leading doesn't mean bossing around, it usually means learning from your teammates, taking their advice, and getting to know everyone's opinions.

Lastly I would like to mention how Day1 is really important in Solution Architecture. Designing an architecture for a software company like Amazon is not something a regular undergraduate student is expected to do. In this situation designing a whole project would be considered as Day1. Because we are getting to learn something new. Millions of people use this software, and a lot of this credit goes to the Day1 mindset.