Hackathons

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Hackathons

Hackathons

- Why are they a good idea?
    - It's a fun experience
    - Brings motivation for a project
    - Teaches you to work in a team
    - You understand the bigger picture of software development
- What technical skills did I gain?
    - Android Development, Web Development
    - Firebase, AWS
    - GitHub
    - Designing Databases
    - Machine Learning
    - The ability to fix bugs :)

Hackathons - Selecting a Project

- Look at the given themes and problem statements

- Do you have your own idea?

- Questions you should ask yourself

  - Can you formulate a solution for the problem?

  - Do you think the solution can work in real life?

  - Have you considered a second and third opinion?

  - Do you have the necessary technical skills for this solution?

  - If not, do you have enough time to learn?

Hackathons - Selecting a Project

Don't build a solution for a problem that doesn't exist

Hackathons - Tech Stack

- What does Tech Stack mean?

  - It's just the combination of tools that you select

- Go with what you know

- Select components that work well with each other

  - This can reduce unnecessary effort

  - For example, Django and SQL Databases

- Check for existing open source tools and solutions

- Optimize your stack, research about efficiency

- Research about best practices

Hackathons - Presenting Your Work

- No point if the judges do not understand your solution!

- UI is your friend

- Tips for a good presentation
  - Invest time in preparation
  - Use bullet points, images and diagrams
  - Keep your text concise
  - Be confident about what you talk
  - Do your research - think about what they can ask you
  - Have a dry run with your friends, get their feedback