



MUHAMMED ASHARAF

Software Developer

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TRANSFERABLE SKILLS

Problem Solving

Mathematical Reasoning

Research and Development

Attention to detail

Planning and scheduling

Imperative programming

TECHNICAL SKILLS

C/C++

Debugging

git/github

Coding mathematical ideas

Bash / zsh

latex/overleaf

Unix

Autocad

LEARNING

Javascript/Html/CSS

PHP/Yii2

Microsoft Azure

Docker

System Administration

Networking

Python/Matlab

latex/overleaf

Graphics

Unix

Autocad

LANGUAGES

English: Proficient

Malayalam: Native

EDUCATION

Diploma in Software Development | 42 Abu Dhabi

10 2021 - now

Abu Dhabi, UAE

M.Tech in Advanced Manufacturing and System Design | APJKTU

08 2018 - 08 2020

Kerala, India

B.Tech in Mechanical Engineering | CUSAT

07 2011 - 07 2015

Kerala, India

PROJECTS

Minishell |

May 29, 2022 - Now

- The objective of this project is to create a simple shell in c that will emulate bash in terminal. This project helped me understand how bash shell works.
- Since it was a group project i learned how to work in a group and how to divide work load and how to combine the work using github and git.

Philosopher |

Apr 20, 2022 - May 7, 2022

- This project is about learning how threads work by precisely timing a group of philosophers on when to pick up forks and eat spaghetti without dying from hunger.
- Created multi threaded c program using POSIX threads.

CPP-Piscine |

Mar 20, 2022 - Apr 11, 2022

- Completed 9 C++ modules in 42 common core, that enhanced my knowledge in object oriented programming.
- This project involves concepts like inheritance, polymorphism, containers, templates and exception handling and much more.

cub3D |

Mar 19, 2022 - Apr 19, 2022

- This project is inspired by the world-famous Wolfenstein 3D game, which was the first FPS ever. It helped me to explore idea of ray-casting.
- Created windows, colors, events, fill shapes, etc. using minilibX.

Born2beroot |

Mar 7, 2022 - Mar 24, 2022

- Created virtual machine in VirtualBox under specific instructions.
- Then setup my own operating system while implementing strict rules.