JAY NAKUM

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EXPERIENCE

Flutter Intern | Jun 2022 - Sept 2022
vigIT Solutions | *Rajasthan, India*

- Developed and published 2 flutter apps with extensive api integration and providers package.
- Completion Letter

PROJECTS

Happy Face — C++, OpenGL | GitHub

- Scene Based OpenGL Renderer. Primarily a playground to experiment and dive deep into advance concepts.

BitNCrypt — C++ | GitHub

- An algorithm for password generation and management.

Out For Delivery — OpenGL, C++, GLFW | GitHub

- Implemented shaders, textures, transformations and coordinate systems with OpenGL.

CPU Scheduling Simulator — Python, Flutter, Firebase, Google Colab, Jupyter Notebook | GitHub

- Developed a simulator for process scheduling algorithms in Flutter with python. [University Project]

LiViD — Flutter, Firebase, Agora | GitHub

- Developed a live streaming app with one to many calling sessions using agora SDK. [University Project]

eXPe — Flutter, SQLite | GitHub

- Published a simple expense tracker app on google playstore.

EDUCATION

School of Technology (Pandit Deendayal Energy University) | Gandhinagar, Gujarat
Bachelor of Technology - Compter Science and Engineering - 9.91 CGPA | Aug 2021 - Present

Shree Amrutlal Veerpal Parekh Technical Institute (Gujarat Technological University) Rajkot, Gujarat
Diploma - Computer Engineering - 9.74 CGPA | Aug 2018 - Jun 2021

SKILLS

Tech	C++, OpenGL, GLSL, Python, Flutter, Dart, REST API, Firebase, Java, C (Programming Language), SQL, PL/SQL, LibGDX, HTML, CSS, Android
Developer Tools	Git, GitHub, Visual Studio, VS Code, Google Colaboratory, Jupyter Notebook, Eclipse, Android Studio, Canva, MySQL Workbench, Visual Paradigm, LaTeX
Operating Systems	Linux (Manjaro / Arch), Windows, Android
Fields	Graphics Programming, Data Structures and Algorithms, Research, Artificial Intelligence, Machine Learning, Flutter Development
Soft Skills	Problem Solving, Time Management, Teamwork, Accountability, Communication

AWARDS AND CERTIFICATIONS

- UCSD CSE167x: Computer Graphics
- Flutter and Dart - The Complete Guide - UDEMY