Kartik Buttan

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EDUCATION

Poornima University, Jaipur	2021 - 2025
Bachelors of Technology in Computer Science and Engineering	GPA: 8.4/10
BVM School, Delhi	2021
HSC (CBSE Board)	Percentage: 85%
BVM School, Delhi	2019
SSC (CBSE Board)	Percentage: 89%

EXPERIENCE

Creware Technologies — May 2024 - July 2024
SDE Intern, Internship — Jaipur, India

- Worked on a live project named "Manage Workspace"
- Developed a Machine Learning Model to predict pricing of co-working space, taking into account more than 13 features.
- Developed backend APIs to establish pathway to model interaction.
- Created whole frontend screens to get all features filled in by the user, implementing API integration to fetch organization-related real-time data from the backend.
- The "Manage Workspace" app is available on the Play Store and is being used by 5+ office spaces, currently handling data for more than 200 users. .

Rachiyata Infinite Pvt. Ltd. — February 2023 - April 2023
Frontend Intern, Internship — Jaipur, India

- Developed the frontend for a Management WebApp using Material Components.
- Gained proficiency in AngularJS for building dynamic and responsive web applications.
- Collaborated with the backend team to ensure seamless integration and functionality.

PROJECTS

Event Management Application
Go Lang,Gin, JWT, SQLite3 — Project Link

- Developed a backend system using Go Lang and the Gin framework.
- Implemented JWT for authorization and authentication.
- Utilized SQLite for database management.

Image Generator Application
Flutter, Dart, Flutter Bloc, Firebase, Imagine API — Project Link

- Integrated Flutter Bloc for app Wide State Management
- Used "IMAGINE API" to generate real-time new images from user entered prompt
- Generated Images can be stored either on device or on Firebase Database

OG Chat App
Go Lang,Gin, Spotify API, Websockets, JWT, SQLite3, Flutter, React

- Key Feature - music synchronization feature using WebSockets to play music in sync on each chat.
- real-time tracking for beep words to enhance user safety and experience.
- Ensured messages are sent in an encrypted format for secure communication.

Other Projects

- **Github Profile** ⬈ :

ACHIEVEMENTS

UDEMY	Go Lang - Backend Development ⬈	2024
UDEMY	Flutter & Dart - The Complete Guide ⬈	2024
NPTEL	The Joy of Computing using Python ⬈	2022
NPTEL	Foundations of R Software ⬈	2023
NPTEL - IIT,Roorkee	Data Analytics with Python ⬈	2024
POSTMAN	Postman API Fundamentals Student Expert ⬈	2023

TECHNICAL SKILLS

Programming languages: C, Python, Java, Go, Dart
Web Technologies: React, Flutter, HTML, CSS, Javacript
Backend Technologies: Go, Gin, JWT, SQLite3
Miscellaneous: MongoDB, PostgreSQL, Machine Learning, Git, Firebase

RELEVANT COURSEWORK

Computer Science: Deep Learning, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks