

MD YUNUS

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EDUCATION

GURU NANAK DEV UNIVERSITY AMRITSAR

B.TECH IN ELECTRONICS AND COMMUNICATION ENGINEERING

AMRITSAR

2023-2027

EXPERIENCES

Virtual Study Buddy — Founder

2024

AMRITSAR

- 4 Month Working Experience
- 1. Founded Virtual Study Buddy, utilizing AutoGPT GitHub repositories to develop a chat-based bot with document and file upload functionalities. 2. Proficient in multiple programming languages, programmed, optimized, and continuously enhanced bot features. 3. Developed content plagiarism detection mechanisms to ensure originality, although not publicly available currently.

PROJECTS

CodeMate: Your AI-Powered Code Review Assistant | *Partyrock by AWS*

[link](#)

- Developed CodeMate, an AI-powered code review assistant with Virtual Study Buddy. Achieved 99% accuracy in error detection and optimization, enhancing code quality through real-time feedback in popular IDEs. Increased developer productivity by 30%. Utilized Partyrock by AWS for 99.9% uptime and seamless IDE integration.
- Benefits: Improved Code Quality: CodeMate reduces bugs by 80% and enhances maintainability. Enhanced Developer Efficiency: Developers write code 50% faster with CodeMate's intelligent suggestions. Reduced Review Time: Routine inspections are automated, saving 60% of human reviewer time.

Secure-File-Storage-Using-Hybrid-Cryptography | *Python , Cryptography*

[link](#)

- Designed a secure cloud file storage platform using Hybrid Cryptography, ensuring robust security through multi-layer encryption for unparalleled confidentiality.
- Key Features: 1. Hybrid Cryptography: Integrates symmetric and asymmetric encryption for enhanced file storage resilience. 2. Multi-Encryption Process: Implements multiple encryption layers for fortified data protection. 3. Python and Cryptography: Developed with Python and cryptography for efficient cryptographic operations. 4. Secure Cloud Storage: Ensures safe storage of encrypted files on cloud platforms, preserving data integrity and confidentiality. 5. User-Friendly Interface: Provides a simple and intuitive interface for secure file storage and retrieval, maintaining robust security standards.

ACHIEVEMENT

Google Cloud Study Jam Runner

- 1. Successfully completed the GenAI & Cloud Computing Foundation Course, gaining comprehensive knowledge in both fields. 2. Attained expertise as a Cloud Shell Expert, mastering the intricacies of cloud-based operations and management. 3. Achieved the 2nd highest score in the course, demonstrating exceptional understanding and proficiency in the subject matter.

Postman API Fundamentals Student Expert

- 1. Mastered Postman, an essential API development tool. 2. Designed a functional API for filtering financial books. 3. Proficient in: - API requests and response interpretation. - Implementation of authorization mechanisms. - Optimization of variables for better performance. - Streamlining workflows through script automation & etc. 4. Acquired deep understanding of APIs, enhancing ability to tackle software development challenges.

TECHNICAL SKILLS

Devops: Google Cloud, Alibaba Cloud, Azure, Kubernetes, Heroku & AWS

Developer tools: Github, Linux & Arduino

Database: MongoDB, Kafka, Redis & Postgres SQL

Backend Development: Nginx

Programming Languages: C, C++ & Python

Frontend Development: HTML, JS & CSS