Vishal Balani

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EDUCATION

BENNETT UNIVERSITY
BTech in Computer Science
CGPA: 9.11 / 10
2021 - 2025

VIDYA BHARTI SR. SEC. SCHOOL
AISSCE (CLASS XII)
Percentage: 90.00%
2021

LINKS

LinkedIn:// **vishal-balani**
Github:// **vishalbalani**
Twitter:// **@itsvishal2004**

COURSEWORK

UNDERGRADUATE
- Design And Analysis Of Algorithms
- System And Network Security
- Linux And Shell Programming
- Web Technologies
- Database Management Systems
- Operating Systems
- Microprocessors & Computer Architecture
- Software Engineering

SKILLS

PROGRAMMING
Experienced:
C++
Java
Shell (Bash, zsh)
HTML CSS
Intermediate:
Python • JS • PHP • XML • SQL(MySQL)
• WordPress • Figma
Familiar:
Assembly • C#

SOFTWARE
Experienced:
Visual Studio Code • Android Studio •
Eclipse • NetBeans • Vim • Atom •
Sublime Text

ADDITIONAL
Communication: English, Hindi
Leadership
Teamwork
Project Management
Attention to details

PROJECT

ECOM. | E-commerce Site
May 2023 | GitHub | Website Link
Technologies Used: HTML, CSS, PHP, MySQL
- Developed an e-commerce website using PHP, MySQL, HTML, and CSS, which allows users to create wishlists, purchase products, and includes an admin page for managing orders and inventory.
- Designed and implemented a user-friendly interface for the e-commerce site, optimizing the customer experience and increasing sales.

HONEYTRAIL | SSH Honeypot
Apr 2023 | GitHub | Documentation Website
Technologies Used: Python, HTML, CSS, JS
- Developed a Honeytrail SSH honeypot using Python, which collects data on SSH attacks and provides insights into network security threats.
- Created a documentation page outlining the installation guidelines for the Honeytrail SSH honeypot, making it easy for users to set up and use the software for their own security purposes.

AUDIO VISUALIZER & ANALYZER | Python Developer
Oct 2022 | GitHub
Technologies Used: Flask, HTML
- Led a team of 4 and was instrumental in successfully completing Audio Visualizer & Analyzer to analyze and visualize audio data in real-time.
- The AI-trained model predicts the gender of audio, Matplotlib library of python is used for graph visualization and fpcalc(Calculates the fingerprint of the given audio file) used to check the similarity percentage between two audios.

PASSVAULT ANDROID APPLICATION | Project Manager
Jun 2022 | GitHub | Play Store
Technologies Used: Java, XML, Firebase
- I am the project manager and team leader for the development of the PassVault application. *Password saving* and *generating strong passwords* are the main functionality of the application.
- Implemented Base64 encryption for securing app data against unauthorized access.
- The application is available for installation from the play store.

BU FINDER | Android Developer
May 2022 | GitHub
Technologies Used: Java, XML, Firebase
- This project was inspired by real-life problems faced by almost all universities. Because of the size of their campuses, it can be difficult to find lost items for students.
- E-Lost and Found portal for college students for finding and reporting lost items digitally.

AWARDS & CERTIFICATIONS

May 2023		Certified Network Defender (CNDv2)
Apr 2023		HTML, CSS, and Javascript for Web Developer
Nov 2022	51/500	NCOE Embedded Security CTF
Nov 2022	TOP 30%	Linux (LinkedIn Skill Assessments)
Jun 2022		The Comprehensive Android App Development Masterclass