LAKSH BHARANI

Summer Internship 2025

📞 +1 (540) 557-8815 ✉ lakshb2005@vt.edu 🔗 linkedin.com/in/lakshbharani 🔗 github.com/LakshBharani 📍 Dublin, CA

EDUCATION

Bachelor of Science (BS)

Virginia Tech

📅 08/2024 - 06/2028
📍 Blacksburg, United States
- Freshman majoring in Computer Science
- Expected Graduation: 2028

B.Tech. Computer Science

Vellore Institute of Technology

CGPA
8.89 / 10

📅 08/2023 - 06/2024
📍 Vellore, India
- Transferred after freshman year

High School

National Public School, KRM

%
89.4 / 100

📅 05/2018 - 05/2023
📍 Bangalore, India
- Major Computer Science

HACKATHONS

AR App Developer

CampK12 Entrepreneurship Hack

🔗 youtu.be/K4l7eVjk9mw

The team, comprising 3 members, bagged the **1st place** and won a cash prize of Rs. 8000

Development Team Lead

Green Hackathon NPS KRM

🔗 github.com/LakshBharani/ReRead

Our team of three developed ReRead, a textbook marketplace promoting sustainability through the exchange of textbooks between seniors and juniors.
- Secured the **2nd** position

KEY ACHIEVEMENTS

💎 **Featured in a Newspaper**
The Bangalore Mirror featured an article about my work on VaxiCheck

💎 **Elite Committee Selection**
Selected among 4700 candidates for GDSC VIT Core Committee

EXPERIENCE

Virginia Tech Startup Sprint

ModelVision 📅 10/2024 - Present 📍 Blacksburg, United States
🔗 devpost.com/software/modelvision
- Developed an **AR platform** that converts 2D images into 3D models, targeting integration with **Chegg** and other e-learning platforms.
- Placed **top 5** in **VT Startup Sprint**, earning recognition for innovation in augmented reality.

Summer Internship 2024

PeakMind.in 📅 06/2024 - 07/2024 📍 Bangalore, India
- Enhanced the web app's performance, boosting FCP by **57%** and speed index by **44%** through optimization techniques such as lazy loading and parallelization.
- Developed and executed SQL queries to manage production frontend databases efficiently.
- Worked with MS Azure Cloud to self-host a Metabase instance.

Inner Committee Member

Google DSC - VIT 📅 04/2024 - 06/2024 📍 Vellore, India
- Selected as one of **12** members on the tech side from 4700+ applicants for the Inner Core Committee of GDSC VIT.
- Collaborated with a team to find solutions to problems existing on campus.

Junior Core Committee Member

CodeChef VIT Chapter 📅 03/2024 - 06/2024 📍 Vellore, India
- Selected as one of **15** members on the tech side from 1700 applicants for the Junior Core Committee of CodeChef VIT.

PROJECTS

GeriCare : Modern Solution to Healthcare Management

📅 07/2024 - 06/2024 📍 Vellore, India
🔗 github.com/LakshBharani/gericare-flutter
- Developed a healthcare management app using Flutter, Django, and Bloc/Cubit for GeriCare Hospital in Tamil Nadu
- Implemented features for digitizing patient charts and managing medical documents to enhance hospital record-keeping

Examined: Your All-in-One AI Academic Companion

📅 06/2024 📍 Vellore, India
🔗 github.com/LakshBharani/justpassapp
- Built an academic tool leveraging RAG technology for grade predictions, performance tracking, and personalized insights.
- Integrated features like a grade calculator, summary dashboard, and intelligent chatbot for enhanced academic management.

Hand-Tracking Car Control

📅 03/2024 📍 Bangalore, India
- Created an AI-based project using Python and OpenCV for real-time hand tracking to control car games via webcam.
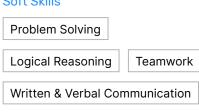- Enabled seamless control of game movements through finger tracking in the background.

PROJECTS

VaxiCheck : Android App

📅 09/2021 - 02/2024   📍 Bangalore, India

🔗 github.com/LakshBharani/VaxiCheck

- Improved vaccination tracking efficiency by **30%** by deploying app using Flutter and Firebase platform.
- Integrated user authentication, vaccine record management, and a searchable vaccine dictionary with descriptions.
- Managed all data using Google's Firebase Cloud Firestore and Storage.

CalCheck : Multipurpose Meal plan generator

📅 10/2022 - 01/2023   📍 Bangalore, India

🔗 github.com/LakshBharani/CalCheck

- Developed a Tkinter based meal plan generator with Python and MySQL.
- Increased user engagement by developing automatic weekly updates for personalized nutrition goals.

CERTIFICATIONS

Career Essentials in Generative AI by Microsoft
Microsoft

CS50's Introduction to Programming with Python
Harvard

Artificial Intelligence and Machine Learning
CampK12

SOCIAL LINKS

🌐 **DevPost**
devpost.com/laksh-bharani

🌐 **GitHub**
github.com/LakshBharani

🌐 **Leetcode**
leetcode.com/LakshBharani

🌐 **Bangalore Mirror**
Article Link

STRENGTHS

💎 **Entrepreneurial Initiative**
Kick-started a successful startup with innovative vision and leadership.

💎 **Team Collaboration**
Excels in collaboration by securing competitive committee positions.

💎 **Problem-solving prowess**
Strong problem-solving abilities in software development environments.

💎 **Leadership excellence**
Excelled in leading diverse teams towards successful project outcomes.

💎 **Clear technical communicator**
Effective communication of technical concepts to non-technical audiences.