

VISHWA KUMAR VENKATESWARAN

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [TryHackMe](#) | [Portfolio](#)

SUMMARY

An Electronics and Communication Engineering student at PSG College of Technology, Coimbatore, with over nine years of continuous programming experience. Proficient in Java, C, C++, and Scratch, with working knowledge of Python, HTML, and SQL. Possess a strong foundation in programming logic, algorithms, and problem-solving. Deeply passionate about Artificial Intelligence, cybersecurity, robotics and automation, with a keen interest in applying these technologies to create impactful solutions. Currently seeking an internship opportunity to contribute technical expertise and innovative thinking to real-world projects.

TECHNICAL SKILLS

- **Programming and Scripting Languages:** Java, C, C++, Python (Basic), MATLAB (Basic), HTML
- **Operating Systems, Tools and Platforms:** Linux – Kali, Parrot OS, Windows, macOS
- **Virtualization Platforms:** UTM, VirtualBox, QEMU
- **Tools and IDEs** – BlueJ, IntelliJ IDEA, Code::Blocks, MATLAB, Python IDLE, Keil uVision, LTSpice, Scratch
- **AI TOOLS:** PentestGPT, Cursor, Replit, Lovable, ChatGPT, Copilot, Perplexity, Gemini

PROJECTS

PuBOT (Portable Ultra Robot) – WIP | Aug 2025 – Present

PuBOT is a modular robotics project with conversational AI capabilities, currently in development. It uses Raspberry Pi, DC motors, ultrasonic sensors, and an HDMI display. The system integrates IntelliBank AI for voice control and autonomous navigation. The project focuses on hardware assembly, integration, and testing to build an interactive, AI-powered platform with real-time sensor feedback.

IntelliBank AI - (Conversational Banking Assistant) | Jun 2025 - Aug 2025

Developed a chat interface using Java Spring Boot to simulate banking conversations. Gained hands-on experience in RESTful APIs, conversational flow design, and backend structuring using Spring Boot. Integrated basic AI concepts into real-world enterprise applications.

EDUCATION

Bachelor of Engineering - Electronics and Communication

PSG College of Technology, Coimbatore | CGPA: 6.86 | May 2027

Class XII - Science Stream [PCMC]

Primus Public School, Bangalore | 85% | March 2023

Class X

Bethany High School, Bangalore | 87.4% | March 2021

CERTIFICATIONS, TRAINING & ACHIEVEMENTS

HackOn with Amazon Round 1 Qualifier | Advanced to first round of prestigious hackathon

Certified Android Bug Bounty Hunter - EC-Council | Hands-on training in identifying, analyzing, and exploiting security vulnerabilities in Android applications

LANGUAGES: English, Hindi, Tamil — Fluent (Read, Write, Speak) | Kannada — Basic