

# Vedansh Dhawan

linkedin.com/in/vedansh-dhawan-50a860323

Email: vedanshd04@gmail.com

Mobile: +91 9599036305

## SUMMARY

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Ambitious Computer Science student at VIT with experience as a Software Intern at Ericsson. Skilled in Python, Java, and Linux, with a strong foundation in telecommunication fundamentals and network infrastructure. Passionate about applying new technologies to solve real-world problems, with a focus on AI, machine learning, and full-stack development.

## EDUCATION

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- Vellore Institute of Technology (VIT)** Vellore, Tamil Nadu  
*Bachelor of Technology in Computer Science; CGPA: 9.15* Sep 2022 – Aug 2026 (Expected)
  - **Achievements:** Achieved S grade (highest possible) in Basic Electrical Engineering, Technical English, Java Programming, and Operating Systems
  - **Activities:** Core Committee Member of Blockchain Community and VIT Model United Nations Society; Member of Google Developers Student Club and Apple Developers Group
- Delhi Public School** Gurgaon  
*Class 12th - 90%, Class 10th - 98.4%* Apr 2013 – Apr 2022
  - **Achievements:** National Topper in Mathematics & IT; Gold Medalist for Academic Excellence
  - **Activities:** 2nd Prize in Photography and Editing Competition; Active participant in Model United Nations (MUN); Leader of the school tech club

## EXPERIENCE

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- Ericsson** Noida, Uttar Pradesh  
*Software Intern* May 2024 – Jul 2024
  - **Telecommunication Knowledge:** Developed a strong understanding of network operations and mobile communication protocols, enhancing technical foundation in the field
  - **Linux Proficiency:** Enhanced skills in Linux operations and command-line interfaces, improving system administration and scripting capabilities
  - **Python Programming:** Mastered Python for automation scripts, data analysis, and software development, contributing to various efficiency-improving projects
  - **Cross-Functional Collaboration:** Worked with diverse teams to troubleshoot and optimize network performance, ensuring high service quality standards
  - **Software Testing:** Developed and executed test cases to validate system functionality, playing a crucial role in enhancing software reliability

## PROJECTS

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- GenHack Hackathon – 4th Place** Gen AI Medical Chatbot  
*Hugging Face, OpenAI, FastAPI, React, AWS Lambda* Feb 2024
  - **Development:** Developed an AI-powered medical chatbot using Hugging Face's NLP models to assist patients with basic diagnoses
  - **NLP Implementation:** Implemented sentiment analysis & intent recognition for accurate medical responses
  - **Full-Stack Integration:** Integrated FastAPI backend with a React-based frontend, hosted on AWS Lambda for scalability
  - **Achievement:** Secured 4th place out of 100+ teams in GenHack, an ISA-VIT organized Gen AI Hackathon

## SKILLS

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- **Programming Languages:** Python, Java, JavaScript, C++
- **Web Development:** React.js, FastAPI, Full-Stack Development
- **Cloud & DevOps:** Amazon Web Services (AWS), Linux
- **AI & Machine Learning:** Natural Language Processing (NLP), Generative AI, Azure AI Studio
- **Databases:** Oracle Database
- **Other Technologies:** Android Development, Computer Networking, Data Structures
- **Soft Skills:** Communication, Analytical Skills, Problem-solving

## CERTIFICATIONS

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- **Career Essentials in Generative AI:** Microsoft and LinkedIn (Feb 2025)
- **Microsoft Azure AI Essentials Professional Certificate:** Microsoft and LinkedIn (Feb 2025)

## HONORS & AWARDS

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- **Gold Medal:** Continuous academic excellence in high school, Delhi Public School Gurgaon (Jul 2022)
- **National Topper, Mathematics and IT:** Achieved full marks in national final exams in class 10th board exams (Jul 2022)
- **Photography and Editing Competition:** 2nd Prize, Blue Bells Public School, Gurgaon (May 2019)