

VEDANSH DHAWAN

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SUMMARY

Aspiring software engineer with a strong foundation in telecommunication fundamentals, Python programming, and AI/ML technologies. Experienced in full-stack development, with a focus on creating innovative solutions using cutting-edge technologies. Demonstrated ability to excel in academic pursuits and practical projects, showcasing a blend of technical skills and creative problem-solving.

EDUCATION

Bachelor's of Computer Science, VIT Vellore CGPA: 9.13 Expected 2026
○ **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

Senior Secondary Education, Delhi Public School, Gurgaon 2013 - 2022
○ **Academics** Scored 90% in Class 12 (CBSE) and 98.4% in Class 10 (CBSE)
○ **Achievements:** School House Captain; Active Member of Model United Nations Society
○ **Activities:** Participated in inter-school debates and leadership programs

SKILLS

Programming Languages	Python, Java, C++, C, JavaScript, TypeScript, HTML, CSS
Frameworks & Libraries	React.js, Express.js, Tailwind CSS, FastAPI
Databases	MySQL, PostgreSQL, Oracle Database, mongoDB, SQL & PL/SQL
Cloud & DevOps	AWS fundamentals (EC2, S3), Version Control: Git & GitHub
AI & ML	Natural Language Processing (NLP), Machine Learning, OpenAI API
Other	Microsoft Office Suite, Agile & Scrum methodologies, Basics of networking

EXPERIENCE

Software Intern May 2024 – Jul 2024
Ericsson Noida, Uttar Pradesh, India

- Developed Python-based automation scripts for network diagnostics, reducing manual effort by 40% and improving troubleshooting efficiency by 30%.
- Executed over 100 test cases for telecom software validation, improving system reliability and reducing critical bugs by 25%.
- Collaborated with cross-functional engineering teams to analyze and optimize mobile network protocols, resulting in 20% faster issue resolution across key modules.
- Enhanced Linux system administration workflows through scripting, boosting operational task speed by 35% in daily telecom routines.
- Accelerated understanding of telecom architecture and network KPIs, contributing to a 15% improvement in monitoring accuracy during live network simulations.

PROJECTS

Personal Portfolio Website
○ Technologies: React, TypeScript, Tailwind CSS, Express.js, PostgreSQL, OpenAI API, Framer Motion
○ Features: Voice navigation, dark/light theme toggle, AI chatbot, animated UI, contact form with backend integration
○ Deployment: Fully SEO-optimized, deployed via Vercel [Live Demo](#)

VDreamScape – AI-Powered Dream Analysis App
○ Description: Built a full-stack dream analysis platform using AI to transform user-submitted dream fragments into psychological narratives
○ Features: Symbol analysis, reflection prompts, responsive UI with light/dark themes
○ Integration: Integrated OpenAI API with fallback mocks for graceful degradation [Live Demo](#)

CERTIFICATIONS

- Microsoft Azure AI Essentials Professional Certificate: Microsoft and LinkedIn
- Career Essentials in Generative AI: Microsoft and LinkedIn
- Introduction to MongoDB: MongoDB

HONORS & AWARDS

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