

Anirudh Singh

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EDUCATION

Vellore Institute of Technology

B.Tech in Computer Science Engineering, Cybersecurity and Digital Forensics

Sept 2022 – Present

CGPA: 8.62

Bhaskar Academy, Indore

Class XII

July 2022

Percentage: 73.80

CFDAV Public School, Kota

Class X

June 2020

Percentage: 92.50

TECHNICAL SKILLS

Languages: Java, SQL, HTML, CSS, JavaScript

Cyber Security tools: Nmap, Splunk, Wireshark, Metasploit, Snort

Tools: Git, Kali Linux, VirtualBox

Frameworks: OSINT, OWASP Top 10

Cloud: AWS EC2, S3, RDS, IAM, VPC, CloudFormation

Concepts: Solution Architect concepts, Cyber Security

ACADEMIC PROJECTS

Password Strength Checker — *Python(CustomTkinter, Tkinter, Regex, Security)*

- Developed a modern GUI application for password security assessment using Python CustomTkinter, regular expressions, and cryptographic hashing.
- Implemented real-time password strength analysis, secure password suggestions, visibility toggling, and safe storage using SHA-256 hashing.
- Integrated an auto strong password generator and one-click copy functionality to enhance user convenience and security.

Seva Sathi — *ReactJS, Node.js, MongoDB, JWT*

- Developed a local service platform to connect users with professionals. Integrated payments and automated booking.
- Implemented secure payments (Stripe), automated booking, scheduling, reviews, and service matching using Node.js backend, MongoDB database, ReactJS frontend, and Material-UI for modern design.
- Developed robust user authentication and authorization mechanisms to ensure data privacy and secure access across the platform.

CERTIFICATIONS

- AWS Educate Cloud Practitioner
- AWS Educate Solution Architect
- IBM Gen AI
- Coursera: Bits and Bytes of Computer Networking
- ISO 21434 Automotive Cybersecurity Standard

LEADERSHIP & EXTRACURRICULARS

- Lead, Marketing – Health O Tech Club, VIT Bhopal (2 years)
- Co-Lead, PR Outreach – FinTech Club, VIT Bhopal (1 year, 7 months)

ADDITIONAL INFORMATION

- Languages: English (proficient), Hindi (native)
- Documentaries, Geopolitics, Trend Analysis, Global Development