

# Anirudh Singh

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## EDUCATION

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<b>Vellore Institute of Technology</b>	Sept 2022 – Present
<i>B.Tech in Computer Science Engineering, Cybersecurity and Digital Forensics</i>	<i>CGPA: 8.62</i>
<b>Bhaskar Academy, Indore</b>	July 2022
<i>Class XII</i>	<i>Percentage: 73.80</i>
<b>CFDAV Public School, Kota</b>	June 2020
<i>Class X</i>	<i>Percentage: 92.50</i>

## TECHNICAL SKILLS

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**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

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### **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

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- 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

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

## ADDITIONAL INFORMATION

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