

# MOULIK JINDAL

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## SUMMARY

IT student specializing in cloud infrastructure and cybersecurity. Skilled in deploying secure architectures on Microsoft Azure, configuring networks with VPNs and NSGs, and applying core security principles. Certified in Cybersecurity (ISC<sup>2</sup> CC) and Certified Ethical Hacker (CEH), with additional experience in full-stack development using MERN and Java Spring to build secure, resilient applications.

## EDUCATION

### B.Tech in Information Technology

*Swami Keshvanand Institute of Technology (SKIT M&G), Jaipur*

**Nov 2022 – May 2026**

CGPA: 8.5/10.0

### Higher Secondary Education (CBSE)

*Seedling Public School, Jaipur*

**2022**

12th: 84.4%, 10th: 90.2%

## PROFESSIONAL EXPERIENCE

### Cloud Infra & Security Intern

*Celebal Technologies, Remote*

**May 2025 – July 2025**

- Deployed and configured a scalable three-tier architecture on Microsoft Azure, utilizing Virtual Machines, V-Nets, and Network Security Groups (NSGs) for traffic filtering.
- Implemented a site-to-site VPN gateway, establishing a secure and encrypted connection between on-premise infrastructure and Azure cloud resources.
- Gained hands-on experience with core networking principles, including OSI/TCP-IP models, IP addressing, and subnetting in a practical cloud environment.

### Cybersecurity Intern

*Edunet Foundation - AICTE, Remote*

**Jan 2025 – Feb 2025**

- Developed a Python-based steganography tool to conceal data within images, implementing AES-256 encryption to secure hidden information and enhance user privacy.
- Completed the IBM SkillsBuild program, acquiring practical knowledge in network security, endpoint protection, and SIEM tool fundamentals.

### Full-Stack Java/JEE Intern

*SKIT M&G, Jaipur*

**Jul 2024 – Aug 2024**

- Engineered and deployed RESTful APIs using Spring Boot, enabling seamless data integration between an Angular front-end and a DB2 database.
- Managed cloud-native application deployments on IBM WebSphere (WAS), improving application scalability and reliability.

## PROJECTS

### Real-time Screen Text Reader

[GitHub Link](#)

Tech Stack: Python, OpenCV, PyQt6, Tesseract-OCR, Google Gemini API

- Developed an OCR application for real-time screen capture and text extraction.
- Integrated the Google Gemini API to interpret and provide context for extracted text, enhancing user productivity.

### Resume Builder Web Application

[GitHub Link](#)

Tech Stack: HTML, CSS, JavaScript, html2pdf.js, LocalStorage

- Built a fully client-side, ATS-friendly resume builder with live editor, real-time preview, and predefined clean template.
- Implemented autosave and multi-resume management using browser LocalStorage, ensuring user privacy and data persistence.
- Integrated multiple export modes — text-based PDF (ATS), image-based PDF (Visual), and plain-text formats.
- Designed a responsive two-pane interface for seamless editing and previewing on both desktop and mobile devices.
- Focused on accessibility, semantic HTML structure, and export-only styling for consistent ATS parsing and visual fidelity.

### Finance Tracker (MERN)

[GitHub Link](#)

Tech Stack: React.js, Node.js, Express.js, MongoDB, Chart.js, JWT

- Engineered a full-stack budgeting web application for personal finance management.

- Implemented RESTful APIs for all CRUD operations and used Chart.js to create dynamic visualizations of spending habits.

#### Newsletter Automation Service

Tech Stack: *Node.js, Express.js, Mailchimp API*

 [GitHub Link](#)

- Built a backend service that automates newsletter sign-ups by integrating with the Mailchimp API.
- Deployed the service on a cloud platform, ensuring reliable and scalable user registration.

## TECHNICAL SKILLS

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<b>Languages</b>	Java, Python, C++, JavaScript, C, SQL, Bash
<b>Front-End</b>	HTML5, CSS3, React.js, Next.js, Angular
<b>Back-End</b>	Node.js, Express.js, Spring Boot, Jakarta EE
<b>Databases</b>	MySQL, MongoDB, PostgreSQL, DB2
<b>Operating Systems &amp; Administration</b>	Linux (RedHat), System Administration, Shell Scripting, Process Management, Storage (LVM), Performance Tuning, Package Management (YUM/DNF), Cron Jobs
<b>Cybersecurity</b>	Security Principles, Incident Response (BC/DR), Access Controls, Network Security, Security Operations (SecOps), SELinux, Vulnerability Assessment, Encryption (AES)
<b>Cloud &amp; Networking</b>	Microsoft Azure, OSI & TCP/IP, DNS, DHCP, VPNs, Subnetting, TCPDump, NAS/NFS
<b>Tools &amp; Technologies</b>	Git, Docker, Postman, Wireshark, Nmap, Strace, Valgrind, Tesseract-OCR, Linux

## CERTIFICATIONS

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- **Certified Ethical Hacker (CEH):** Validated expertise in ethical hacking, penetration testing, and vulnerability assessment using real-world attack vectors and methodologies.
- **ISC2 Certified in Cybersecurity (CC):** Foundational knowledge across 5 core security domains including Incident Response, Network Security, and Access Control.
- **Industry Relevant Linux Training (Beginner to Advanced):** Hands-on training in RedHat system administration, security hardening (SELinux), and performance troubleshooting.
- **Hacker101, TryHackMe, & PortSwigger Academy:** Practical training through hands-on cybersecurity labs, covering topics like web application security, penetration testing, and exploit development.

## ACTIVITIES

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- **Class Representative (2022-2026):** Acted as the primary liaison for 60+ students, effectively communicating between students and faculty.
- **College Fest Volunteer (2024, 2025):** Collaborated with a team of 20+ volunteers to organize events for a fest with 300+ attendees.
- **Hackathon Participation (2023-2025):** Competed in multiple hackathons, developing innovative solutions under tight deadlines.