

# Anuraag Shankar

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## SUMMARY

High-performing Computer Science undergraduate with strong experience in full-stack development and cloud-native systems. Demonstrated ability to build scalable, end-to-end software and serverless solutions, backed by impactful internships and leadership in technical communities. Actively seeking software, cloud, or machine learning engineering roles.

## EXPERIENCE

<b>Machine Learning Intern</b> <i>Vellore Institute of Technology</i>	May 2025 – July 2025 <i>Chennai, India</i>
– Designed and implemented a custom CNN-based deep learning model for fine-grained fabric classification.	
– Curated and preprocessed a dataset of <b>2,000+</b> <b>high-resolution fabric texture images</b> , including augmentation and normalization.	
– Achieved <b>91% test accuracy</b> through hyperparameter tuning and regularization techniques.	
<b>Cybersecurity Intern</b> <i>ISACA</i>	Jan. 2024 – Apr. 2024 <i>Chennai, India</i>
– Analyzed security vulnerabilities in <b>200+</b> <b>smart home and IoT devices</b> .	
– Authored structured vulnerability assessment and mitigation reports.	

## PROJECTS

<b>Resume Version Manager</b> ↗   <i>React, Node.js, MongoDB, Cloudinary</i>	
– Built a full-stack platform to upload, organize, and manage multiple resume versions with metadata and tagging.	
– Integrated secure Cloudinary storage for fast document retrieval and controlled access.	
– Developed a responsive React UI and RESTful Node.js APIs backed by MongoDB for version tracking.	
<b>AWS Email Briefing System</b> ↗   <i>AWS Lambda, EventBridge, SES, S3</i>	
– Built a serverless, event-driven pipeline using AWS Lambda, EventBridge, and S3 for email processing.	
– Automated email classification and daily summary briefings delivered via Amazon SES.	
– Designed scalable, fault-tolerant workflows with scheduled triggers and decoupled services.	

## TECHNICAL SKILLS

<b>Languages:</b> Python, Java, JavaScript
<b>Frameworks:</b> React, Node.js, Express.js, Flask
<b>Libraries &amp; Data Tools:</b> pandas, NumPy, Matplotlib
<b>Databases:</b> MongoDB, MySQL
<b>Cloud &amp; DevOps:</b> AWS, Docker, Firebase
<b>Developer Tools:</b> Git, Linux, VS Code, Jupyter Notebook

## LEADERSHIP & EXTRACURRICULARS

- **Microsoft Student Ambassador** — selected as **1 of 2** from VIT to represent Microsoft Learn globally.
- **Student Council Executive Member** — led planning for Convocation, University Day, and university-level events.
- **Vice President, Microsoft Innovations Club** — led technical initiatives and events for a **200+ member** community.

## EDUCATION

<b>Vellore Institute of Technology, Chennai</b> <i>B.Tech in Computer Science (Cyber Physical Systems)</i>	Aug 2023 – Present
<b>CGPA:</b> 9.21 <b>Department Rank:</b> 6	
<b>Padma Seshadri Bala Bhavan Senior Secondary School, Chennai</b> <i>Central Board of Secondary Education, Class 12</i>	July 2023
<b>Grade:</b> 97.2% <b>School Rank:</b> 2	