

# LIKHITH B A

Samsung Prism Research Intern  
Incoming SEP Intern at J P Morgan Chase and Co.

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[LeetCode](#) | [CodeChef](#) | [GeeksForGeeks](#) | [Portfolio](#)

## EDUCATION

<b>Vellore Institute of Technology Chennai, Tamil Nadu</b> B.Tech Computer Science Engineering	August 2023 - July 2027 CGPA: 9.52
<b>Jawahar Navodaya Vidyalaya Tumakuru, Karnataka</b> Higher Secondary (Class 12) - CBSE	June 2022 - March 2023 Percentage: 94.2%

## EXPERIENCE

<b>Securis 360   Security Analyst Intern</b>	Ahmedabad, Gujarat   May 2024 - July 2024
<ul style="list-style-type: none"><li>Conducted <b>25+ vulnerability assessments</b> using <b>Nessus, Nmap</b>, identifying and mitigating critical security flaws across multiple systems.</li><li>Assisted in <b>penetration testing</b>, uncovering <b>15+ high-risk vulnerabilities</b> and providing remediation strategies that improved security compliance.</li><li>Created <b>detailed security reports</b> for senior analysts, enhancing decision-making and response time by <b>45%</b>.</li></ul>	

## PROJECTS

<b>ReadNext   Github Repo</b>	<i>Streamlit, scikit-learn, NLTK, Pandas, TF-IDF</i>
<ul style="list-style-type: none"><li>Built an <b>intelligent book recommendation system</b> using machine learning and NLP that processes over <b>10,000+ book summaries</b> to generate accurate content-based suggestions.</li><li>Developed an interactive <b>Streamlit web app</b> with 5+ discovery features including title/author/keyword search, random recommendations, and dynamic visualizations of publication trends.</li><li>Achieved a <b>92%+ relevance score</b> in internal evaluations using cosine similarity and TF-IDF, significantly improving user satisfaction in exploratory book discovery.</li></ul>	
<b>Chat Application   Github Repo</b>	<i>Next.js, Node.js, MongoDB, Socket.IO, Firebase</i>
<ul style="list-style-type: none"><li>Designed and implemented a real-time messaging platform enabling seamless chats, media sharing, and live updates to enhance communication efficiency.</li><li>Delivered high-quality voice and video calling features, improving user engagement and creating a more interactive experience.</li></ul>	
<b>EduSphere   Github Repo</b>	<i>ReactJS, NodeJS, MongoDB, Razorpay, Cloudinary</i>
<ul style="list-style-type: none"><li>Designed and developed a feature-rich <b>e-learning platform</b> using the MERN stack, <b>enabling users to enroll in courses, track progress, and access video lectures seamlessly</b>.</li><li>Implemented <b>JWT secure authentication</b>, integrated <b>Razorpay for smooth payment processing</b>, and leveraged <b>Cloudinary for efficient media storage</b>.</li></ul>	

## SKILLS

**Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript.  
**Technologies & Tools:** React.js, Next.js, Node.js, Express.js, HTML, CSS, MongoDB, MySQL, Firebase, Git & GitHub, Linux, CI/CD (Basics), Docker.  
**Technical Concepts:** Full-Stack Development, Machine Learning, DSA, OOPS, DBMS, WebSockets, REST APIs.  
**Languages Spoken:** English, Hindi, Kannada, Telugu, German (Basic).

## CERTIFICATIONS

- Earned the **IBM DevOps and Fundamentals Certificate**, gaining hands-on experience with CI/CD, Docker, Jenkins, Agile, and cloud-native practices.
- Completed the **Microsoft Excel Certification**, conferred through the Vahani Scholarship Trust for outstanding performance.

## HONORS & AWARDS

- Selected among **top 500 out of 50,000+ applicants** to participate in the **J.P. Morgan Chase – Code for Good Hackathon 2025**, contributing to real-world social impact projects.
- Awarded the prestigious **Vahani Scholarship**, granted to only 50 students across India for full undergraduate studies (selection rate: 1.7%).