








# HANVITH SAI ALLA

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## PROFESSIONAL SUMMARY

A technically strong and adaptable individual with a passion for full-stack development, AI, and machine learning. I combine my engineering background with a solid understanding of business and management, enabling me to solve problems with both technical depth and strategic perspective. I seek opportunities in collaborative environments where I can grow and contribute by building robust and scalable solutions through interdisciplinary thinking.

## EDUCATION

<b>Bachelor of Technology in Computer Science and Engineering</b>	2023 - 2027
VNR Vignana Jyothi Institute of Engineering and Technology - CGPA: 8.43/10 (Pursuing)	
<b>Intermediate, TSBIE</b>	2021 - 2023
Trividyaa Junior College - 96.4%	
<b>Secondary Education, CBSE</b>	2021
St.Andrews High School - CGPA: 8.5/10	



## RESEARCH WORK

<b>Efficient Decision-Making: Deep Q-Networks for Reinforcement Learning</b>	<i>Jan 16-18, 2025</i>
Co-authored and presented at ICCMA 2025, conducted by NIT Silchar. Compared Deep Q-Networks with Monte Carlo methods in simulated environments using Gazebo, focusing on reinforcement learning efficiency and neural network training.	

## SKILLS

<b>Programming Languages</b>	Python, JavaScript, TypeScript, SQL
<b>Frameworks</b>	React.js, Next.js, Node.js, Express.js
<b>Databases</b>	MongoDB, MySQL, Oracle SQL, PostgreSQL
<b>Tools</b>	Git, GitHub, GitLab, Docker, Jupyter Notebook, Vercel, Render, Power BI, Canva
<b>Soft Skills</b>	Leadership, Strategic Thinking, Problem-Solving, Adaptability, Communication

## EXPERIENCE

<b>Project Manager</b>	March 2025 – April 2025
Tutly  <a href="#">tutly.in</a> <i>Hybrid</i>	
<ul style="list-style-type: none"><li>Coordinated a team of 20 developers and designers to ensure alignment on project goals and execution.</li><li>Led project planning, resource allocation, and timeline management to meet delivery milestones.</li><li>Maintained seamless communication and collaboration across distributed team members.</li><li>Oversaw project delivery while upholding high quality and performance standards.</li></ul>	
<b>Software Engineering Intern</b>	Dec 2024 – Mar 2025
ByteCounsel Pvt LTD  <a href="#">gaveled.in</a> <i>Remote</i>	
<ul style="list-style-type: none"><li>Built a responsive landing page for <b>Gaveled</b> using Next.js, ShadCN UI, and Tailwind CSS; which is hosted on AWS for reliable performance and availability.</li><li>Enhanced On-Page SEO through image optimization and initiated development of an AI agent to automate testing and assist in the CI/CD pipeline.</li></ul>	

## COMPETITIVE PROGRAMMING

<b>Codeforces:</b>	<a href="#">Hanvith</a> — Rating: 939	<b>CodeChef:</b>	<a href="#">han_3</a> — Rating: 1402
<b>LeetCode:</b>	<a href="#">HanvithSaiAlla</a>	<b>HackerRank:</b>	<a href="#">hanvithsai_a</a>
<b>InterviewBit:</b>	<a href="#">Hanvith Sai Alla</a>	<b>Spoj:</b>	<a href="#">han_3</a>

## PROJECTS

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### AI-Based Lyrics Generator:

 GitHub

- Built an AI-powered songwriting assistant using Gradio, OpenAI.
- Designed for music directors and lyricists with multilingual support.
- Features AI-driven creative enhancements for more efficient songwriting.

### Suma - Audience Engagement Platform:

 GitHub

- Developed a web application using Next.js, Tailwind CSS, and MongoDB for large-scale audience interaction at events.
- Implemented Google OAuth authentication for secure user access.
- Enabled real-time engagement and analytics to improve event participation and feedback collection.

### Whimsical Frames - Because your stories deserve to shine!

 GitHub

- Implemented a MERN stack (MongoDB, Express.js, React.js, Node.js) web app for novice users to create personalized event stories.
- Users can select event types (e.g., birthday, anniversary), upload images, and choose from templates.
- Features a live editor for customizing and publishing stories, with instructional videos for easy use.

### Shrubbyvore - Gardening Guide Website:

 GitHub

- Designed Shrubbyvore, a gardening guide website for indoor and outdoor plant care using React.js and Node.js.
- Implemented user registration, login, and plant browsing with detailed care instructions and personalized content.
- Stored user data and plant information in MongoDB and added educational content to enhance the gardening experience.

## COMMUNITY ENGAGEMENT & INTERESTS

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- **Model United Nations (MUN):** Participated in debates as a delegate and International Press (IP), representing various countries and exploring global issues while covering sessions and diplomatic solutions.
- **Turing Hut:** A CP community focused on algorithms and coding challenges. Ranked 35th out of 400 (top 9%), leading to my selection as a member. Actively contribute to challenges and knowledge-sharing sessions.
- **Google for Developers:** Actively participating in the Google Cloud Skills Boost - Diamond League by completing labs and earning skill badges, enhancing my understanding of Google Cloud Platform (GCP) and its various features. [Google Cloud Skills Boost Profile](#).
- **VJ Community:** Active member and Project Manager, leading AI development initiatives and supporting startup innovation.
- **Clubs & Professional Chapters:** Member of *Stentorian* (Literature Club), *VJ Teatro* (Short Film Making Club), *Computer Society of India (CSI)*, and *Entrepreneurship Development Cell (EDC)* at college, actively participating in creative, technical, and entrepreneurial initiatives.

## CERTIFICATES

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- **VIVITSU'25 National Hackathon, GRIET** - Second Place, Domain: Legal Awareness and Civic Governance
- **Competitive Programming Summer Camp 2024** - Inter IIT Competitive Programming Conclave (IICPC)
- **ISTE's Project Infinity** - Certificate of Appreciation for PowerBI and Data Analytics
- **Solution Challenge Hackathon** - Google Developer Groups (GDG-VNRVJIET)
- **Product Management Workshop** - Jobaaj Learnings
- **Basics of Cyber Security** (48-hour course) - Cyber Suraksha by Tata Strive and Microsoft
- **ML Basics** - 7 Day Bootcamp on Python and ML by Google Developer Student Club
- **UI/UX for Beginners** - Great Learning
- **Scaler** - Python, C++, SQL