

HANVITH SAI ALLA

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Portfolio

CAREER OBJECTIVE

As a versatile and adaptable individual, I am deeply passionate about technology and thrive on tackling diverse challenges. Committed to continuous learning and growth, I focus on full-stack development, AI, and machine learning. I am eager to contribute to collaborative and innovative environments, leveraging my skills to foster diverse perspectives and drive growth and breakthroughs through impactful projects.

EDUCATION

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

RESEARCH WORK

Efficient Decision-Making: Deep Q-Networks for Reinforcement Learning
Presented at the International Conference on Computational Mathematics and Applications (ICCMA 2025)
NIT Silchar, January 16 - 18, 2025.

SKILLS

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|------------------------------|---|
| Programming Languages | Python, R, JavaScript, TypeScript, C++, SQL |
| Frameworks | React.js, Next.js, Node.js, Express.js |
| Databases | MongoDB, MySQL, Oracle SQL, PostgreSQL |
| Tools | Git, GitHub, Jupyter Notebook, Vercel, Render, Latex, Power BI, Canva |
| Soft Skills | Leadership, Adaptability, Teamwork, Problem-Solving, Communication |

EXPERIENCE

| | |
|---|--------------------------------------|
| Software Engineering Intern ByteCounsel Pvt LTD | Dec 2024 - Mar 2025 <i>Remote</i> |
| <ul style="list-style-type: none">Developed a high-performance landing page using Next.js, ShadCN UI, and Tailwind CSS, improving the UI responsiveness and usability: Gaveled, which is hosted on AWS for reliable performance and availability.Optimized images for improved On-Page SEO by compressing file sizes without compromising quality, resulting in faster page loading times.Building an AI agent for task automation and natural language interactions to enhance user experience. | |

COMPETITIVE PROGRAMMING

- **Codeforces:** [Hanvith](#) - Rating: 771
- **CodeChef:** [han_3](#) - Rating: 1402
- **Leetcode:** [HanvithSaiAlla](#)
- **HackerRank:** [hanvithsai_a](#)

PROJECTS

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

- **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.
- **Cultural Clubs:** Member of *Stentorian* (Literature Club) and *VJ Teatro* (Short Film Making Club) at college, participating in creative and artistic initiatives.

CERTIFICATES

- **Competitive Programming Summer Camp 2024** - Inter IIT Competitive Programming Conclave (IICPC)
- **ISTE's Project Infinity** - Certificate of Appreciation for PowerBI and Data Analytics
- **Basics of Cyber Security** (48-hour course) - Cyber Suraksha by Tata Strive and Microsoft
- **Solution Challenge Hackathon** - GDSC (VNRVJIET)
- **ML Basics** - 7 Day Bootcamp on Python and ML by Google Developer Student Club
- **UI/UX for Beginners** - Great Learning
- **Scaler** - Python, C++, SQL