

HANVITH SAI ALLA

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🌐 Portfolio Website: <https://hanvithsaia-portfolio.vercel.app/>

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

Bachelor of Technology in Computer Science and Engineering 2023 - 2027

VNR Vignana Jyothi Institute of Engineering and Technology - CGPA: 8.5 (Pursuing)

Intermediate, TSBIE 2021 - 2023

Trividya Junior College - 96.4%

Secondary Education, CBSE 2021

St. Andrews High School - CGPA: 8.5

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

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 Dec 2024 - Mar 2025

ByteCounsel Pvt LTD

Remote

- 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