Sathwik Batta

 Sathwikcodes | 🔗 Sathwik | ✉ bnvsathwik75@gmail.com | ☎ 8179783225 | 🔗 Leetcode | 🌐 Portfolio

EDUCATION

B.Tech in Computer Science AI-ML at **SRM University, AP**, CGPA: 8.5	09/2021 - 09/2025
Class 12th in B.I.E.A.P at **Bhashyam Junior College**, Percentage: 98%	07/2019 - 07/2021

WORK EXPERIENCE

Software Engineering Intern — Predli   05/2024 - Present

- **Engineered and integrated large-scale AI/ML models**: utilizing various **LLMs** and implementing advanced algorithms to enhance natural language understanding and **Generative AI** capabilities.
- **Architected and developed distributed systems** that automated repetitive tasks, resulting in a 40% decrease in manual intervention and enhancing system reliability by 30%.

Technologies: Machine Learning, Natural Language Processing, **Distributed Systems**, AI, LLM, **GenAI**.

Full Stack Web Developer Intern — Agumentik Software   04/2023 - 06/2023

- Led end-to-end development of a social media web app, increasing daily active users by 50% and revenue by 20% within 2 months.
- Configured application networking using **AWS** services, ensuring reliability through VPC, Route 53, DNS.

Technologies: React, AWS, Firebase, Redux, FastAPI, PostgreSQL, Next.js.

PROJECTS

Osmosis - AI-Powered Conflict Resolution Mediator   Demo

- **Developed an AI-powered application leveraging Large Language Models (LLM) and generative AI**, functioning as a virtual mediator or lawyer to resolve conflicts, increasing resolution efficiency by 40%.
- **Enhanced company productivity by 30%** by reducing the time needed for conflict resolution, allowing employees to focus on core tasks.

Technologies: Hugging Face, Python, GenAI, LLMs, Next.js, Supabase, OpenAI, **Google Colab**, Google Bard.

Web3Verse - Blockchain powered VR Space   GitHub | Demo

- **Pioneered the creation of an immersive Virtual Reality metaverse utilizing Unity Engine**, resulting in a 50% improvement in graphic rendering efficiency.
- **Seamlessly integrated a web-based player account management system with the VR environment.**

Technologies: Solidity, Unity Engine, Next.js, Firebase, ThirdWeb SDK, SUI Blockchain.

SKILLS

Programming Languages:	C++, Python, Linux, JavaScript, TypeScript, Google Dart. – Proof
Web Development:	React, Next.Js, NodeJS, TailwindCSS, Git, API. – Proof
Databases:	MongoDB, Google Firebase, SQL, Redux, Docker. – Proof of work
Application Development:	Google Flutter, Android Studio. – Proof of work
Blockchain Development:	Solidity, Motoko, Web3JS, Internet Computer(ICP). – Proof
Course Work:	Data Structures & Algorithms, **Artificial Intelligence**, System Design, DBMS, Computer Networks, Operating System, Software Engineering, System Architecture.

ACHIEVEMENTS

- **Data Structures and Algorithms(DSA)**: Solved over **200** problems on **LeetCode**, **GFG**.   Leetcode
- **Competitive Programming**: Ranked among the Top 50 in university-level CP contests.
- **National Unfold 2023 Hackathon**: Secured First place, COINDCX, **1000$ dollars**.   Project
- **ETHGrants 2.0**: Nominated candidate, eligible for **5000$ dollars** grant.   Project

POSITION OF RESPONSIBILITY

Next Tech Lab - Board Member, Syndicate Satoshi Lab	02/2023 - present
Competitive Coding Club - Board Member	11/2021 - 02/2023