

# Sathwik Batta

[Sathwikcodes](#) | [Sathwik](#) | [bnvsathwik75@gmail.com](mailto: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](#)
- **Published Research Paper:** Anomaly detection in MRI using **Stable Diffusion**. [Project](#)

## POSITION OF RESPONSIBILITY

- **Next Tech Lab - Board Member, Syndicate Satoshi Lab – Next Tech Lab** 02/2023 - present