

# Sathwik Batta

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## WORK EXPERIENCE

### 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%.
- Configured application networking using **AWS** services, ensuring reliability through VPC, Route 53, DNS, and NAT Gateway.

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

### Software Engineering Intern — Predli

05/2024 - Present

- **Developed and integrated large-scale AI/ML models:** Worked with various large language models (LLMs) and implemented advanced algorithms to improve data processing and natural language understanding.
- **Collaborated on distributed systems and automation infrastructure:** Contributed to the design and development of scalable distributed systems and automated workflows, reducing manual intervention by 40%.

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

## PROJECTS

### Web3Verse

[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, increasing user engagement through streamlined access to in-game resources and community features.

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

### Ecommerce Application with AI-Powered Personalization

[GitHub](#)

- Pioneered the development of a SaaS platform infused with **AI** and **ML** capabilities, offering dynamic content recommendations and predictive analytics. The platform dynamically adjusts its features and offerings based on user preferences and market trends.

**Technologies:** PyTorch, ML, Flutter, Dart, Stripe, Firebase, Python, NLP, Teachable Machine.

## ACHIEVEMENTS

- **National Unfold 2023 Hackathon:** First place, COINDCX, 1000\$ dollars.
- **Research Paper:** Anomaly detection in MRI's using **Stable Diffusion**.
- **Scholarship:** Full Tuition at SRM University, worth 12 lakhs.
- **ETHGrants 2.0:** Nominated candidate, eligible for 5000\$ dollars grant.

[Project](#)

[Project](#)

## POSITION OF RESPONSIBILITY

- **Next Tech Lab - Board Member, Syndicate Satoshi Lab**

02/2023 - present

- **App Design & Development Club - Board Member**

11/2021 - 02/2023

## EDUCATION

09/2021 - 09/2025 B.tech in Computer Science AI-ML at **SRM University, AP.**

CGPA: 8.5

07/2019 - 07/2021 Class 12th in B.I.E.A.P at **Bhashyam Junior College.**

Percentage : 98%

## SKILLS

**Programming Languages:** C, C++, Python. – [Proof of work](#)

**Web Development:** React, NextJs, NodeJs, JavaScript/TypeScript, TailwindCSS, API. – [Proof](#)

**Databases:** MongoDB, Firebase, MySQL, Redux, Docker. – [Proof of work](#)

**Application Development:** Flutter, Dart, Android Studio. – [Proof of work](#)

**Blockchain Development:** Blockchain, Solidity, Motoko, Web3JS, Internet Computer(ICP). – [Proof](#)

**Course Work:** Data Structures & Algorithms, **Artificial Intelligence**, **Machine Learning**, DBMS, Computer Networks, Operating System, Object-Oriented Programming, Software Engineering, Computer Architecture.