

# Sathwik Batta

[Sathwikcodes](#) | [Sathwik](#) | [bnvsathwik75@gmail.com](mailto:bnvsathwik75@gmail.com) | [8179783225](#) | [Leetcode](#) | [Portfolio](#)

## WORK EXPERIENCE

**Full Stack Web Developer Intern — Agumentik Software Pvt Ltd** 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%.
- Implemented key features: user authentication, real-time updates, and data storage using PostgreSQL.
- Configured application networking using AWS services, ensuring reliability through VPC, Route 53, DNS, and NAT Gateway.

**Technologies :-** React, AWS, Firebase, Redux, FastAPI, PostgreSQL, Nextjs.

## 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, as measured by frame rate stability and rendering latency.
- 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#, Nextjs, 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, the platform offers dynamic content recommendations and predictive analytics. This 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.

### Outpass Application for SRM University

[Github](#)

- Led the development of the SRM University Outpass App, a cornerstone for campus-wide efficiency and communication. Leveraging Flutter, Firebase, and Twilio, we witnessed a daily user base surpassing 1000 students. This resulted in an 80% surge in Outpass submissions and slashed processing time by 50%.

**Technologies :-** Flutter, Twilio API, Dart, MVVM, Firebase.

## ACHIEVEMENTS

- **Won first place** in the **National Unfold 2023 Hackathon** by **COINDCX**, earning 1000 dollars. [Project](#)
- **Winner of 9Hacks, 12-Hour Hackathon**, by Next Tech Lab, SRM University, AP. [Project](#)
- Acquired a Full Tuition **Scholarship** at Srm University worth **12 lakhs**.
- Nominated as a candidate for **ETHGrants 2.0**, eligible for a **5000 dollars grant**.

## 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.