Sathwik Batta

 Sathwikcodes | SathwikBatta | bnvsathwik75@gmail.com | +91-8179783225 | 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, Leveraging sophisticated AI algorithms, the platform offers dynamic content recommendations and predictive analytics.Implemented advanced natural language processing (NLP) techniques to analyze user feedback and sentiment, allowing the platform to dynamically adjust its features and offerings based on user preferences and market trends.

Technologies :- AI, ML, Flutter, Dart, Stripe, Firebase, Python, NLP, Algorithms.

Outpass Application for SRM University   Github

- Led development of SRM University Outpass App, pivotal for campus-wide efficiency and communication. Utilized Flutter, Firebase, Twilio for streamlined process, embraced by entire university community, witnessing 80% increase in Outpass submissions and 50% reduction in Outpass processing time.

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, Dart.
Web Development:	React, NextJs, NodeJs, JavaScript/TypeScript, TailwindCSS, API development.
Databases:	MongoDB, Firebase, MySQL, Redux, Docker.
Application Development:	Flutter, Dart, Kotlin, Android Studio.
Blockchain Development:	Blockchain, Solidity, Motoko, Web3JS, Internet Computer(ICP).
Course Work:	Data Structures & Algorithms, **Artificial Intelligence**, **Machine Learning**, DBMS, Computer Networks, Operating System, Object-Oriented Programming, Software Engineering, Computer Architecture.