

# 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 - Present  
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

- **Enhanced AI/ML capabilities:** Engineered and integrated advanced **LLMs** to improve natural language processing and **Generative AI** performance, driving innovative product features.
  - **Optimized scalable systems:** Designed **cloud**-based architectures using **Docker**, PostgreSQL, and **AWS**, reducing manual interventions by 40% and significantly improving system scalability and reliability.
- Technologies:** Machine Learning, Docker, **AWS**, Supabase, LLMs, **Generative AI**, Python, FastAPI, **Git**.

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

- **Developed a scalable social media web app:** Led end-to-end development, boosting active users by 50%.
  - **Optimized cloud networking:** Configured AWS services, including VPC, Route 53, and DNS, to ensure application reliability and seamless performance.
- Technologies:** React, AWS, Firebase, **NextJs**, Redux, FastAPI, **SQL**, Swagger, **Typescript**.

## PROJECTS

**ResolvewithAI - AI-Powered Conflict Resolution Mediator** [Demo](#)

- **Designed an AI-driven conflict resolution platform:** Leveraged LLMs and Generative AI to act as a virtual mediator, improving conflict resolution efficiency by 40% and reducing resolution time significantly.
  - **Boosted organizational productivity:** Increased company output by 30% by minimizing employee downtime, enabling a stronger focus on core business activities.
- Technologies:** Python, FastAPI, LLMs, Next.js, Supabase, OpenAI, **Google Colab**, Google Gemini.

**Web3Verse - Blockchain powered VR Space** [GitHub](#) | [Demo](#)

- **Developed an immersive metaverse platform:** Built a Virtual Reality environment using **Unity Engine**, achieving a 50% improvement in graphic rendering efficiency.
  - **Integrated blockchain technology:** Integrated web-based systems with **blockchain** and **VR** functionalities.
- Technologies:** Solidity, Unity Engine, Next.js, Firebase, ThirdWeb SDK, SUI Blockchain.

## ACHIEVEMENTS

- **Winner, Smart India Hackathon 2024:** Solved Problem Statement 1747 by developing advanced security features for Android applications in **India's largest government-organized hackathon.** [Result](#)
- **Data Structures and Algorithms(DSA):** Solved 200+ problems on LeetCode and GFG. [Leetcode](#)
- **Competitive Programming:** Ranked among the Top 50 in university-level contests.
- **National Hackathon:** Secured first place in the **COINDCX**-hosted event, winning \$1000. [Project](#)

## POSITION OF RESPONSIBILITY

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

## SKILLS

**Programming Languages :** C, C++, Python, JavaScript, TypeScript, Google Dart, Solidity.  
**Libraries/Frameworks :** React, Redux, Next.js, Node.js, Express.js, FastAPI, Google Flutter, Tailwind-CSS, React Native, HTML, CSS.  
**Tools/Platforms :** Git, CI/CD, Docker, Supabase, Amazon Web Services (AWS), Microsoft Azure, Lambda, GitHub Actions, GraphQL, System Design, Distributed Systems, High-Level Design (HLD), Low-Level Design (LLD), Google Cloud Platform (GCP), Redis, Windows environment, macOS environment, Postman, Linux, Jira.  
**Databases:** MongoDB, Google Firebase, MySQL, PostgreSQL, DynamoDB.