Satwik Bhasin

Full Stack Software Engineer

New York, USA
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satwikbhasin@gmail.com

I am always building side projects—check them out on my website

SUMMARY

Adaptable Full Stack Software Engineer with expertise in building scalable SaaS platforms using Python, SQL, and AWS tools. Proficient in modern web technologies and cloud performance optimization, with a proven ability to collaborate across product, customer success, and technology teams. Adept at debugging, enhancing platforms, and managing large datasets, ensuring seamless user experiences. Excels in strategic problem-solving and communication, with a passion for leveraging technology to solve complex challenges.

SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, TypeScript
Web Development: Vue.js, .NET, HTML, CSS, React.js, Next.js, Node.js, Django, REST APIs
Databases: SQL (MySQL, PostgreSQL, SQLite), NoSQL (MongoDB, Redis)
Cloud Technologies: AWS, EC2, S3, CloudFront, Lambda, Serverless Architecture, Vercel, Google Auth/APIs
Development Tools and Frameworks: Git, Spring Boot, Docker, MVC Architecture, CI/CD
Blockchain: Ethereum, Smart Contracts

EDUCATION

Master of Science, Computer Science - SUNY Albany

Albany, NY, USA | Aug 2022 - May 2024 |

Won Outstanding Master's Capstone Award for AI integration in classrooms

Bachelor of Technology, Information Technology - GGSIPU

Delhi, India | Aug 2018 - May 2022

EXPERIENCE

Software Engineer Intern, SapidBlue Technologies

Haryana, India | May 2022 - Jul 2022

- Developed asynchronous microservices with Spring Boot, improving scalability by integrating caching, reducing response times by 4ms.
- Collaborated with QA engineers to ensure seamless deployment of event-driven architecture solutions.

Software Engineer Intern, India Meteorological Department,

Delhi, India | Aug 2021 - Oct 2021

- Optimized weather data analysis pipelines by 60% using GeoDjango, enabling real-time data insights.
- Designed interactive dashboards with advanced visualizations, leveraging Python and machine learning algorithms for predictive analysis.

Software Engineer Intern, Steel Authority of India Limited

Delhi, India | Apr 2021 - May 2021

- Implemented secure authentication workflows using bcrypt and developed a robust user access system.
- Spearheaded the creation of a dynamic employee portal with modular microservices architecture, enhancing usability.

PROJECTS

Evalutron

satwikbhasin.com/projects/evalutron

AI Powered student submissions autograder for university. It provides accurate and comprehensive grading feedback by taking questions file, rubric, and student submission.
Tech Stack: Next.js, Full-Stack Development, OpenAI's ChatGPT

Unichat

satwikbhasin.com/projects/unichat

UniChat is an AI-driven platform that facilitates seamless connection and collaboration on academic projects. It transforms the research experience for students and educators by leveraging AI for efficient collaboration, project management, and progress monitoring.
Tech Stack: Next.js, MongoDB, OpenAI's ChatGPT, Google Auth/ Docs API, Vercel

The TODO App

satwikbhasin.com/projects/thetodoapp

The TODO App is a full-stack web application for managing todos, developed with a React frontend and a Django backend. It features user authentication, CRUDoperations, light/dark mode, and responsive design. The app leverages AWS services for deployment, ensuring scalability and reliability.
Tech Stack: React.js, MUI, Django, SQLite, AWS S3, CloudFront, EC2

LINKS

My Website

satwikbhasin.com

GitHub

github.com/satwikbhasin

LinkedIn

linkedin.com/in/satwikbhasin