

Satwik Bhasin

New York, USA | (424) 944-9965 | satwikbhasin@gmail.com
satwikbhasin.com | github.com/satwikbhasin | linkedin.com/in/satwikbhasin

I am always building side projects, some are mentioned below—see more at satwikbhasin.com

SUMMARY

Full Stack Software Engineer with a strong foundation in web development, including the MERN stack. Passionate about turning ideas into real-world applications and continuously learning to build scalable, efficient solutions.

SKILLS

Languages: Java, Python, C, C++, JavaScript, TypeScript
Web Dev: React.js, Next.js, Node.js, Django, HTML, CSS, REST APIs
Databases: MySQL, PostgreSQL, MongoDB, Redis
Cloud: AWS (EC2, S3, Lambda, CDN, Amplify, DynamoDB), Vercel, Serverless
Dev Tools: Git, GitHub, GitLab, Docker, CI/CD
Testing: Selenium, Postman
AI/ML: OpenAI API, DeepSeek API, TensorFlow, scikit-learn
Blockchain: Ethereum, Solidity Smart Contracts
Agile: Scrum

EDUCATION

Master of Science, Computer Science

State University of New York at Albany | Albany, NY, USA | Aug 2022 - May 2024
Won Outstanding Master's Capstone Award for AI integration in classrooms

Bachelor of Technology, Information Technology

Guru Gobind Singh Indraprastha University | Delhi, India | Aug 2018 - May 2022

EXPERIENCE

Teaching Assistant, Computer Science Department

State University of New York at Albany | Albany, NY, USA | Jan 2023 - May 2024

Graded assignments and managed graders for courses like Algorithms & Data Structures and Data Mining, while providing student support during office hours for homework and exam preparation.

Software Engineer Intern, SapidBlue Technologies

Haryana, India | May 2022 - Jul 2022

- Developed 5+ asynchronous microservices and APIs with Spring Boot, improving backend scalability in the startup.
- Worked closely with QA engineers to ensure successful deployment and resolve issues.

Software Engineer Intern, India Meteorological Department

Delhi, India | Aug 2021 - Oct 2021

- Mapped and visualized weather data with GeoDjango for improved spatial analysis.
- Developed Python dashboards to display rainfall and storm data for analysis.

Software Engineer Intern, Steel Authority of India Limited

Delhi, India | Apr 2021 - May 2021

- Set up the login/signup authentication flow and integrated MySQL for data storage.
- Developed a user-friendly employee portal to improve accessibility and interaction.

PROJECTS

Evalutron <https://evalutron.vercel.app>

Built an AI-powered system for universities to automate student submission grading. Processes question files, rubrics, and student submissions to generate accurate and detailed feedback.

Tech Stack: Next.js, Full-Stack Development, OpenAI, Vercel Lambdas & Deployment

React Pilot <https://reactpilot.vercel.app>

Developed as part of the ICSI 518 Software Engineering course at UAlbany, this project follows a structured series of assignments designed to enhance full-stack development skills, with a focus on React. Each phase builds on the previous one, introducing new concepts and techniques.

Tech Stack: React.js, Node.js, MongoDB, Docker, Vercel Deployment, AWS Deployment

Unichat <https://unichat-barbellcoders.vercel.app/login>

Developed an AI-powered platform to streamline collaboration on academic projects. Designed to enhance research efficiency for students and educators through AI-driven project management and progress tracking.

Tech Stack: Next.js, MongoDB, OpenAI, Google authentication & drive API, Vercel Lambdas & Deployment

VirtualVault <https://virtualvault.tech>

Built a highly customizable, responsive portfolio template for showcasing products, services, or projects. Designed for flexibility, performance, and modern UI/UX to create a professional online presence.

Tech Stack: React.js, Bootstrap + CSS, Vercel Deployment

Truecaller Bulk <https://truecaller-bulk.vercel.app>

Built a web application that allows users to look up multiple phone numbers on Truecaller in bulk. Integrated CSV file processing to fetch details and generate PDF reports. Developed with Next.js and Tailwind CSS to enhance user experience and streamline bulk lookups.

Tech Stack: Next.js, Tailwind CSS, NextUI, Vercel Lambdas & Deployment

OrgView Dashboard <https://orgview.vercel.app>

Designed and developed a visually appealing web application for showcasing organizational metrics through interactive and responsive dashboards. Focused on clean UI/UX design and seamless user experience, utilizing modern frontend technologies.

Tech Stack: Next.js, Tailwind CSS, Vercel Deployment