

## EXPERIENCE

### Software Engineering Intern

VIIIE

Dec 2022 – July 2023

- Spearheaded the development of the official VIIIE Web Application utilizing cutting-edge technologies including React.js, Next.js, node.js, express.js and Tailwind CSS to ensure scalability, performance, maintainability, and provide a rich user experience.
- Managed a 15-member cross-functional (Frontend, Backend, Database, UI/UX) team and fostered collaboration between developers and stakeholders.
- Pioneered AGILE project management techniques to navigate evolving project demands, optimizing resource allocation and adjusting plans, ensuring project success amidst dynamic challenges and shifting priorities.

### Machine Learning Intern

Feynn Labs

May 2022 – July 2022

- Piloted the successful implementation of a diverse array of Machine Learning Models, including advanced techniques like LSTM, Linear Regression, Multiple Linear Regression, and Support Vector Regression, effectively solving complex real-world challenges and driving tangible business outcomes.
- Took on multifaceted responsibilities encompassing market analysis, data exploration, and comprehensive report generation, delivering actionable insights that empowered stakeholders to make informed decisions and drive strategic initiatives forward. This involvement exemplified a holistic approach to data-driven decision-making and a commitment to delivering high-impact results.

## EDUCATION

### Rutgers University

2025

### Bachelor of Science in Computer Science + Computational and Applied Mathematics.

- GPA: 4.0/4.0, Dean's list.
- Relevant Coursework: Data Structures and Algorithms, Cloud Computing, Operating Systems, Linear algebra, Discrete Math, Statistics, Calculus I & II.

## PROJECTS

### Social Verse – A Full Stack Social Media Application.

- Spearheaded the conception and development of Social Verse, a comprehensive full-stack social media platform engineered to rival Instagram's functionality and user experience.
- Engineered a seamless user authentication experience by seamlessly integrating the Google OAuth API and using REST APIs for real-time communication from server to database.
- Elevated user engagement by introducing advanced filtering options. By enabling users to categorize and curate their content consumption experience across diverse categories such as Cars, Fitness, Humor, and beyond.

### Wanderlust Journeys – A Full Stack Blog Application.

- Piloted the development of a travel blog application built with the MERN stack, with a Next.js frontend.
- Implemented all CRUD operations and additional features such as liking and commenting on posts, and used REST API for connection between the frontend and server.
- Enriched user experience by adding features like personalized profiles, and ability to post HD pictures of nature.

## ACHIEVEMENTS AND AWARDS

- Awarded with the Philadelphia Philanthropic Society for Information Management Foundation Inc. (PHISIM) Award.
- Granted with the Chancellor's Merit Scholarship at Rutgers University.
- Secured 2<sup>nd</sup> Place in VSIT Coding Competition 2022.

## TECHNICAL SKILLS

- **Languages:** Python, Java, Javascript, Typescript, C++, HTML, CSS
- **Database:** MySQL, Oracle SQL Server, MongoDB, SQLite
- **Other Tools and Frameworks:** React.js, Vite.js, Next.js, Tailwind CSS, Node.js, NPM, Redux, GitHub, Linux, Heroku, Netlify, Vercel, Postman, Spring Boot, Flask, Data Structures, Algorithms, JSON, REST API, Microservices, Sanity CMS