

SATVIK SEERAM

Atlanta, GA | satvikintern@gmail.com | [Portfolio](#)

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EDUCATION

Georgia State University, Atlanta, GA
Bachelor's in computer science, Honors.

Aug 2020 – Present (Expected Dec 2023)

GPA: 3.85

COURSEWORK

Data structures, Software Engineering, Data Science, Design and Analysis, Programming Languages and Concepts, System's level, Computer organization.

WORK EXPERIENCE

GSU, Atlanta, GA

Wayfinder

Jan 2022 – Present

Software Engineer (Student Assistant)

- Designed and developed a social networking platform to facilitate student career success through connections with alumni.
- Built the frontend and backend of the platform using NextJS, which is based on popular technologies like ReactJS and NodeJS and deployed it on Vercel serverless environment.
- Created a pipeline from a Qualtrics survey to the database to store required user information.
- Modeled and structured the database tables using AWS DynamoDB, a scalable and high-performance NoSQL database.
- Conducted multiple meetings with beta testers and students to gather feedback and improve the app's user interface.
- Implemented authentication for the admin dashboard panel using Google OAuth, which provides a secure and convenient way for administrators to log in.

Projects

Ds-Visualizer ([Link](#)):

Aug 2021 – Dec 2021

- Created a visualizer and wrote clean code to explain how data structures work and are represented in computer memory.
- Utilized Next.js framework (ReactJS, NodeJS) for both frontend and backend development.
- Implemented PostgreSQL database to store user comments and replies.
- Deployed the project on Vercel, with sponsorship from the company.
- Project was utilized by a professor in his classes to teach data structures to students.

Portfolio([Link](#)):

- Created a personal space on the internet to share various content including leetcode, blogs, and more.
- Built the app using NextJS framework for both frontend and backend development.
- Implemented Github as a content management system to store all the content, and integrated Github actions to check the content format.
- Used Redis cache to improve page load speed and provide a better user experience.

Payload-Neo Bot ([Link](#)):

- Contributed to the development of an open source Discord bot, serving 25k+ users every day.
- Ported bot commands from vanilla DiscordJS to Sapphire framework, improving the bot's efficiency and scalability.
- Worked collaboratively with the repository owners through multiple back and forth conversations to ensure successful implementation.

Restaurant App([Link](#)):

- Developed an app that facilitates interactions between clients and stores, allowing them to make orders seamlessly.
- Built the frontend of the app using ReactJS and Material UI, and used NodeJS as the backend technology. Employed MongoDB as the database to store the necessary data.
- Dockerized the app using Docker-compose, with nginx acting as the proxy between the frontend and backend. This improved the app's portability, scalability and performance.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C, Java, HTML, CSS

Frameworks/Libraries: ReactJS, NodeJS, NextJS, NestJS, ExpressJS, Tailwind-CSS, Framer-Motion, PrismaJS, Supabase, Jest, Redux

Databases: MongoDB, MySQL, PostgreSQL

Cloud: GCP, AWS, Docker, Docker-Compose, Serverless Computing, Iterm2, Unix, VIM, Nginx, CI/CD Pipelines, Vercel

Other: Git and Github, Figma, Affinity Designer