

Abishek Ajai Satnur

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1713 Patrick Henry Dr, Apt. 6203, Blacksburg, VA

Work Experience

- **Fullstack Software Developer Intern** Bangalore, India
GeekTrust April 2022 – August 2022
 - ❖ Led the design and development of a backend search filter that worked via **API calls to a PostgreSQL database**
 - ❖ Created front end elements of the search-bar using **HTML, CSS, TypeScript, and Angular**
 - ❖ Created RESTful API calls using **Golang's Gorilla Mux library**. Tested using **Postman**.
 - ❖ GORM ORM library was used to make queries to the database and for pagination of resulting data
 - ❖ Created a **rabbitmq docker container** image to support message brokerage within our application
 - ❖ Developed an **angular pipe** to implement a generic front end sorting mechanism (HTML, Typescript, Angular)
 - ❖ Designed and created two pages on the company website (HTML, CSS, Typescript, Angular)
 - ❖ Implemented over 20 front-end and back-end bug fixes (HTML, CSS, TypeScript, Angular, Golang)
- **Computer Science Undergraduate Teaching Assistant** Blacksburg, VA
Virginia Tech - CS 1114 August 2022 - present
 - ❖ Lead 2 weekly interactive lab sessions (45 students) to teach object-oriented programming fundamentals in java to students
 - ❖ Holding 6 hours of office hours weekly where I assist students
 - ❖ Taught topics such as: **Polymorphism, Abstraction, Scoping, Unit Testing**

PROJECTS/TECHNOLOGIES

Technologies: *Java / Python / C / SQLite / Django / Golang / HTML / CSS / JavaScript / TypeScript / Angular / React / Unix Bash Script / Git / Arduino*

- **Weather App**
 - Developed a dynamic weather application using the “open weather map” API.
 - Created using asynchronous JavaScript functions (promises and fetch API), HTML, CSS.
 - The app displays the weather, humidity, precipitation, and picture of the city entered
- **Full Stack Personal Portfolio Website**
 - Developed a reactive full stack website to showcase my coding skills.
 - Implemented a user login feature with personalized content for each user.
 - Created using ReactJS for the frontend and Sanity content manager for database management.

EDUCATION

Virginia Tech, Blacksburg VA

August 2020 - Dec 2023

Bachelor of Sciences, Computer Science

- GPA: 3.86
- **Dean's List** – Fall 2020, Spring 2021, Fall 2021, Spring 2022
- VTBound International Scholarship