

Vince Salapuddin

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github.com/vsalapuddin

Education

The University of Florida – Bachelor of Science in Computer Science, Minor in Real Estate

Dec 2022

Experience

Software Engineer, University of Florida Information Technology

June 2022 – Present

- Working within a cross-functional agile team composed of developers and UX designers to maintain and develop features for a large codebase of 50+ React web apps with 15,000+ daily users.
- Revitalized the internship program, mentoring interns to foster their professional growth and elevate their software development capabilities, resulting in successful transitions to full-time roles.
- Rebuilt the university's mobile application using React Native with TypeScript and Expo, resulting in the termination of a costly third-party mobile application contract and more control of features.
- Implemented Google Analytics 4 and Firebase, enabling detailed data collection and analysis, allowing for improved user retention and a smoother user experience.

Application Developer Intern, University of Florida Information Technology

Jan 2022 – June 2022

- Developed a COBOL application that efficiently delivered on-demand tax forms to students, proactively averting potential fines exceeding \$200,000+ due to late 1098-T submissions.
- Implemented custom PeopleSoft modules to improve company processes and developer experience.

Software Engineer Intern, Infotech

May 2021 – Sept 2021

- Overhauled the existing time-entry application using Vue, Node, and the OpenAir REST API to streamline timekeeping procedures, improving the employee and management experience.
- Developed comprehensive unit tests with Jest and Python, resulting in rigorous validation of code functionality, enhancing code reliability, and reducing technical debt.

Quality Assurance Intern, Infotech

May 2020 – May 2021

- Developed UI and API tests to optimize the testing workflow, which streamlined the quality-checking process.
- Conducted accessibility testing and devised a plan to achieve a 100% accessibility score.

Data Entry Specialist, Family Nutrition Program

May 2019 – May 2020

- Communicated with 50+ counties in Florida to quality-check incoming data and provide analytics.
- Proactively developed scripts to optimize workflow, resulting in a 500% increase in data processing.

Projects

AWS Index Fund

Present

- Developing a React app using Amazon Web Services (AWS) for efficient data handling and presentation.
- Implementing our own proprietary index rebalancing algorithm to deliver valuable insights to clients.

Debutify

Oct 2023

- Built an application leveraging React, Express, and Tailwind, integrating with the Spotify API.
- Enables users to compose shareable 'debut' albums based on their own top Spotify tracks and artists.

University Mobile App

June 2023

- Developed an improved mobile app for a university leveraging React Native, NativeBase, and Expo.
- Underwent rigorous accessibility testing to ensure a smoother user experience and good reviews.

Skills

Languages: C++, JavaScript, TypeScript, HTML, CSS, SQL, Python

Frameworks/Tools: React, React Native, Node.js, Express, Material UI, MongoDB, Git, PeopleSoft