

# Shyam Sundar Bahety

352-740-5714 | [shyambahety@gmail.com](mailto:shyambahety@gmail.com) | [shyambahety.com](http://shyambahety.com) | [linkedin.com/in/bahetyshyam](https://linkedin.com/in/bahetyshyam) | [github.com/bahetyshyam](https://github.com/bahetyshyam)

## Education

### University of Florida

Master of Science in Computer Science (GPA: 3.49/4.0)

Gainesville, FL

Aug 2023 – May 2025

## Experience

### Software Developer Intern

May 2024 – Aug 2024

CommerceIQ

Remote, United States

- Designed and developed a new UI platform from scratch to replace a **7-year-old legacy system**, **reducing development time by more than two-thirds** and improving system performance and scalability
- Revamped the reporting interface by integrating customizable data widgets and interactive features using VueJS, leading to a **1.4x** increase in user engagement and receiving positive feedback from 85% of users
- Created components that were adopted by other teams for new product lines, reducing the time for adding new widgets from 2-3 weeks to just 2 days, **achieving a 90% reduction in time-to-market**
- The new platform contributed to **closing half of the deals with prospects** by providing a reporting platform for visualizing complex e-commerce data, demonstrating its value in enhancing customer satisfaction and driving sales

### Software Development Engineer UI 2 (Front end-developer)

Dec 2021 – Aug 2023

CommerceIQ

Bengaluru, India

- Spearheaded the development and successful delivery of high-impact features like Advertising Campaign Management for retail giants such as Walmart and Target. This strategic initiative led to an **impressive 80% contract renewal rate** among customers
- Pioneered the conception and development of Campaign Creation features for industry leaders such as Amazon and Walmart, resulting in a **remarkable 40% expansion** of our customer base
- Designed configurable, reusable components that increased adaptability and functionality based on configurations, resulting in a 50% reduction in development time and a significant improvement in system performance
- Received recognition and an award for the swift delivery of a product, which was instrumental in establishing a **partnership with Walmart**. This project led to CommerceIQ's official designation as a partner, boosting brand visibility

### Full Stack Developer

Aug 2020 – Dec 2021

Betsol Pvt Ltd

Bengaluru, India

- Orchestrated a comprehensive User Interface overhaul, integrating the FluentUI library and **transitioning 70% of the codebase from JavaScript to TypeScript** for enhanced functionality and maintainability
- Managed and optimized the user interface of Rebit, a backup application developed using React (JavaScript+ TypeScript) & ElectronJS Achieved a **substantial 90% code coverage** to ensure high-performance, reliable, testable and maintainable code
- Executed the implementation of multiple new features for intricate UI components, enhancing overall functionality and user experience, resulting in 20% reduction in support tickets related to UI issues.
- Architected a system for global and local user configuration management, ensuring efficient customization for individuals, which improved user setup times by 60%
- Devised a state management library enabling users to seamlessly pause and resume backups
- Constructed a notification framework responsible for handling, queuing, and tracking notifications sent to the User Interface, ensuring an **organized and efficient notification system**

## Projects

### Automated Attendance System | React, Python, Flask, MongoDB

- Engineered a Progressive Web App (PWA) that automates student attendance by processing submitted class photos. Implemented features for capturing attendance and viewing records, which streamlined the attendance process, reducing manual entry time by 75% and increasing record accuracy by 40%
- Developed the User Interface with ReactJS and crafted the backend server using Flask. Implemented face detection and identification with OpenCV and CNN libraries, resulting in a 90% accuracy rate for face recognition. Utilized MongoDB for efficient database storage, reducing query response times by 60%

## Technical Skills

**Languages:** JavaScript, TypeScript, Java, Python, HTML5, C#

**Frameworks and Libraries:** ReactJS, VueJS, Node.js, ElectronJS, ReactNative, Flask, Redux, Webpack

**Developer Tools:** Git, Docker, Google Cloud Platform, AWS, Github, Git, Jira, Jenkins, CI/CD, Linux, Unit Testing

**Database Management Systems:** SQL, NoSQL, MongoDB, Microsoft SQL, Oracle SQL, MySQL