

# Shyam Sundar Bahety

## Software Development Engineer

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### Education

#### University of Florida | Gainesville, FL

Master of Science in Computer Science (GPA: 3.77/4.0)

Coursework: Advanced Data Structures, Database Management Systems, Distributed Operating Systems Principles

2023 - Present

#### JSS Academy of Technical Education | Bengaluru, India

Bachelor of Engineering in Information Science and Engineering (GPA: 8.09/10)

Coursework: Object Oriented Programming (OOP), Software Engineering

Algorithms and Data Structures, Web Development

2016 - 2020

### Experience

#### CommercelQ

Software Development Engineer UI 2

Bengaluru, India  
Dec 2021 – Aug 2023

VueJS, JavaScript, TypeScript, NodeJS, HTML, CSS, Java, Spring, Jenkins CI/CD, Jira, Git, AWS, C3.js, Integration Testing - Cypress

- Played a key role in the front-end web app development for a significant section of the organization's product, elevating user experience and functionality.
- Spearheaded the development and successful delivery of high-impact features, including Advertising Campaign Management for retail giants like 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 like Amazon and Walmart, resulting in a remarkable 120% expansion of our customer base.
- Engineered configurable, reusable components, enhancing adaptability and functionality based on dynamic configurations.
- Received recognition and an award for the swift delivery of a product, instrumental in establishing a partnership with Walmart. The success of this project led to CommercelQ's official designation as partners for advertisement tech platforms.

#### Betsol Pvt. Ltd.

Full Stack Developer

Bengaluru, India  
Aug 2020 - Dec 2021

ReactJS, JavaScript, TypeScript, ElectronJS, NodeJS, HTML, CSS, C#, .NET Core, CI/CD, Azure, MS SQL

- Managed and optimized the user interface of Rebit, a backup application developed using React (JavaScript + TypeScript) & ElectronJS. Achieved a substantial 80% code coverage to ensure robust and reliable software quality.
- Engineered a comprehensive User Interface overhaul, integrating FluentUI library and transitioning 70% of the codebase from JavaScript to TypeScript for enhanced functionality and maintainability.
- Executed the implementation of multiple new features for intricate UI components, enhancing overall functionality and user experience.
- Engineered a system for global and local user configuration management, ensuring efficient customization for individuals.
- Devised a state management library enabling users to seamlessly pause and resume backups, leading to a notable 2x boost in performance.
- Constructed a notification framework responsible for handling, queuing, and tracking notifications sent to the User Interface, ensuring an organized and efficient notification system.

#### Betsol Pvt. Ltd.

Intern- Full Stack Developer

Bengaluru, India  
Jan 2020 – March 2020

ReactJS, JavaScript, TypeScript, NodeJS, HTML, CSS, C#, CI/CD, Azure, MS SQL, Git

- Led User Interface enhancements on the Automation DevOps tool, LeTo, resulting in a seamless deployment and achieving a remarkable 1.3x performance improvement.
- Engineered a novel feature for a client, creating RESTful APIs using NodeJS to seamlessly integrate the functionality into the system.

### Projects

#### Automated Attendance System

- Engineered a Progressive Web App (PWA) that automates student attendance by processing submitted class photos. Implemented features for capturing attendance, providing options to both take and view attendance records.
- Developed the User Interface with ReactJS and crafted the backend server using Flask. Implemented face detection and identification using OpenCV and CNN libraries. Utilized MongoDB for efficient database storage.

#### YesMaybeNo: Event Polling App

- Created a mobile application with React Native, empowering users to participate in event polls (Yes/Maybe/No) within the groups they belong to. Utilized NodeJS to construct the back-end server with JWT authentication, while MongoDB served as the database storage solution.

### Skills, Certifications & Awards

**Languages:** ReactJS, VueJS, JavaScript, TypeScript, HTML5, CSS/Sass, C3.js, ElectronJS, Redux, NodeJS, ExpressJS, ReactNative, C#, .NET Core, Python, Go, Java, C++

**Tools:** AWS (Amazon Web Services), Azure, Google Cloud Platform (GCP), Docker, Github, Git, Jira, Jenkins, CI/CD, Linux, Unit Testing, Flask, Django

**Databases:** SQL, NoSQL, MongoDB, Microsoft SQL, Oracle SQL, MySQL

**Certifications:** ReactJS by Front End Masters, Web Development by Kodebay, Azure Fundamentals (AZ-900)

**Spot Award** for adopting and integrating a new UI framework from the ground up, contributing to the development of a high-quality product.

**Best Trainer Award**, recognized for successfully training 80+ freshers in ReactJS and JavaScript.

**Delivery Ninja Award** for delivering a product pivotal to a major partnership with Walmart.