

# BAVYA SRI SAI JANNI

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## EXPERIENCE

**Accenture Solutions Private Ltd – Application Associate Developer** **Aug 2021 – Aug 2023**

- Design, build, and configure **front-end applications using HTML, CSS, JavaScript, jQuery, and React Native.**
- Ensure **applications meet business process** and application requirements.
- Deliver complete **front-end applications with high performance** on mobile and desktop platforms.
- Collaborate with **back-end developers to integrate front-end logic** with server-side components.
- Utilize **CSS and JavaScript methods for creating performant visual effects.**
- **Optimize React Native applications** for iOS and Android, including offline storage and performance tuning.
- **Develop mobile applications** that consume RESTful JSON APIs.
- Implement **pixel-perfect, buttery smooth UIs** across mobile platforms.
- Drive the development of **native mobile applications into a unified stack** using React Native.
- Lead modules and **coordinate effectively with distributed development teams** in an agile environment, managing timelines and expectations.
- Ensure **clear dependency chains and modular, reusable components** in front-end and mobile application development.
- Conduct **code reviews and provide constructive feedback** to improve code quality and maintainability.

**Elasticfleet – Software Developer Intern** **May 2020 – Apr 2021**

- Developed an **innovative Automatic Plant Watering System** tailored to sense and respond to plant moisture levels.
- Designed **user-assistive automation technology** to streamline greenhouse watering operations.
- Documented **project details comprehensively**, covering system functionalities and programming logic.
- **Collaborated effectively with team members** to integrate hardware and software components successfully.
- Implemented **sensors and actuators to automate watering based on real-time plant moisture data**, optimizing resource usage and plant health.
- Demonstrated **strong problem-solving skills by overcoming technical challenges and ensuring reliable performance** of the Automated Plant Watering System in diverse greenhouse conditions.

## EDUCATION

**Florida INSTITUTE OF TECHNOLOGY** **Aug 2023 – May 2025**  
Masters in Computer Information Systems (3.66/4.0)

**GVP COLLEGE OF ENGINEERING FOR WOMEN** **Aug 2017- Aug 2021**  
Bachelors Information Technology (7.89/10)

## UNIVERSITY PROJECTS

**Neuro Fuzzy Based Deep Learning Model for Improved Disease Detection in Plants** **Feb – Jun 2021**  
I led a project that integrated Neuro-Fuzzy principles with deep learning to enhance real-time apple leaf disease detection, achieving over 85% accuracy with an Agile workflow.

**Predictive Analytics for Sustainable Crop Planning** **Feb – May 2020**  
I created an AI/ML-based solution using 15 years of agricultural data to predict vegetable price fluctuations, aiding stakeholders in crop selection, yield estimation, and pricing to reduce volatility and improve stock management.

**Advanced Disease Identification in Rice Plants through Deep Learning and Image Processing** **Jul – Oct 2020**  
I created a system using advanced deep learning and image processing techniques for precise disease identification in rice plants, enhancing crop management and reducing yield losses.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Typescript, Python, C#, Java, C, C++.

**Web Technologies:** React.js, Redux, React Native, Next.js, HTML5, CSS, Bootstrap, Angular, Vue.js.

**Development & Databases:** Node.js, Express.js, Django, Flask, GraphQL, SQL, SQLite, MongoDB, PostgreSQL.

**Tools & DevOps:** Git, Jira, Jenkins, CI/CD, Postman, Docker, Kubernetes, AWS (EC2, IAM, Lambda, S3, EBS).

**Machine Learning Tools:** Pandas, scikit-learn, OpenCV, TensorFlow, PyTorch, Reinforcement learning libraries.

**Additional Skills:** Agile and Scrum, Security, Design Patterns, Algorithms, Documentation.

## CERTIFICATIONS

**AWS Cloud Practitioner:** Certified in AWS Cloud Practitioner, showcasing foundational understanding and effective utilization of AWS cloud infrastructure and solutions.

**NPTEL Java:** Completed NPTEL Java certification, demonstrating proficiency in Java programming and development of robust applications.