Yash Sanjay Jawale

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EDUCATION

Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science
Master of Science in Computer Science   *Expected Dec 2023*
Major GPA: 3.76/4.00 | Cumulative GPA: 3.76 /4.00 | Dean's List: Fall 2022 – Present
Savitribai Phule Pune University, S K N College of Engineering, Pune
Bachelor of Engineering in Computer   *May 2018*
Major GPA: 3.55/4.00 | Cumulative GPA: 3.55 /4.00

TECHNICAL SKILLS

Languages: Python, C, C++, Java, Visual Basic .NET, C#, JavaScript, PHP, X-86 Assembly
Software and OS: Blue Prism, UiPath, Automation Anywhere, Android Studio, Visual Studio Code, Linux, Windows
Framework and Database: Django, Flask, MVC, NodeJS, ReactJS, PostgreSQL, MongoDB, SQL, Azure, Google Cloud Platform
Additional: Anaconda, PyCharm, Spyder, Jupyter, Appian, Power BI, Power Apps, Power Automate, Tableau, MS Visio, HTML, Chatbots
Certifications: Blue Prism AD01, ASD01, APD01, UiPath Advance, Machine Learning
Coursework: OS, Design Algorithms and Analysis, Computer Architecture and Organs, Programming Languages, Social Media Data Pipeline, Intro to Data mining, Cloud Computing, Intro to ML, Intro to AI, Software Engineering Management

PROFESSIONAL EXPERIENCE

Watts Water Technologies   **Texas, US**
Robotics Process Automation Intern   *May 2023 – August 2023*
- Developed multiple bots using UiPath across various departments, processing thousands of invoices daily through ERP and SAP.
- Orchestrated the seamless migration of 50+ UiPath processes from a lower version to a higher version, ensuring minimal disruptions and a smooth transition
- Played a major role in the Digital Transformation, leveraging MVC technology, SQL and Azure, significantly reduced paperwork. Observed revenue saving about two million dollars across facilities, and efficient work monitoring system for leadership team
- Responsible for documenting PDD, SDD, UAT, and Hypercare documents for all projects involved
- Assisted co-interns in understanding the RPA lifecycle and conducted knowledge transfer sessions
- Presented work achievements and proposed new technology ideas to the leadership team, driving efficient and effective project delivery
- Recognized with the Outstanding Performance award for exceptional delivery under Digital Transformation initiative and contributions

Ernst & Young   **Pune, IN**
Consultant   *June 2021 – August 2022*
- Improved team efficiency by 30% through mentorship in Robotics Process Automation tools and Low code/No code applications by providing consultation and regulating Agile methodologies which boosted success rate of project delivery by overall 40%
- Led the successful migration of 300+ Blue Prism processes from a lower version to a higher version, ensuring minimal disruptions and smooth transition
- Designed a diagnostic platform using Angular JS, px4 autopilot library, and SQL on Apache cloud stack to detect aerial vehicle's issue such as crash dump, network errors, hardware failures, and firmware issues
- Programmed important application updates for distributed system software focused on performance data to improve application functionality using C++, C#, and Python and automating environment building Docker and Kubernetes
- Led the 'direct to digital' (D2D) project aimed at simplifying the use of LCAPs (PowerApps, Power BI, Power Automate) for citizen user

Fiserv Inc   **Pune, IN**
Senior Associate Statistical Analysis   *January 2019 - June 2021*
- Conducted process assessments and devised new automation processes for internal business cases that led to a 40% increase in efficiency
- Responsible for creating PDD, SDD, UAT plans, and post-production process working documents
- Created multiple Power Apps applications with Power Automate integration, enabling process digitization and workflow automation
- Engineered internal ICR OCR engine tool using Deep Learning technique to reduce dependency on external tools with cost benefits of 50%
- Designed easy-to-use UI system with Python Django, React.js, Node.js, and SQL for automating patching of application on remote server and monitor them, which resulted in a 30% reduction in downtime for the system
- Led a team of 8, conducted cross-training, provided technical support, and delivered optimized solutions for Python Django projects
- Designed and implemented IBM Watson AI chatbot across multiple business units, resulting in a 50% increase in processing efficiency
- Received recognition for delivering excellence in the Intelligent Automation Centre of Excellence, and was a runner-up in the Hackathon

LEADERSHIP EXPERIENCE

Binghamton University   **Binghamton, NY**
Department of Computer Science and Engineering, Graduate Student Organization Treasurer   *August 2022 - Present*
- Responsible for financial management and oversight of the organization's funds
Bhumi   **Pune, IN**
Fundraising Head   *June 2018 - January 2019*
- Trained and managed 15 volunteers across Pune, for fundraising efforts of nine lakhs INR for underprivileged student's basic education
Savitribai Phule Pune University   **Pune, IN**
Association of Computer Engineers, Documentation Head   *September 2016 - May 2018*
- Drafted and maintained documentation related to student activity, future planning, budgets, and approvals for a team size of 50