

# Vishesh Kumar Vupputuri

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## EDUCATION

**Master of Science, Information Technology, GPA: 4.0 / 4.0**

**Jan 2023 - Apr 2024**

*University of Cincinnati, Cincinnati, OH*

- Relevant Coursework: Azure, AWS, Cyber Security, Android Development, Scripting and Linux Administration
- Merit-based Scholarship Graduate Incentive Award

## WORK EXPERIENCE

**Software Developer**

**Jan 2021 - Aug 2022**

*Tata Consultancy Services, Hyderabad, Telangana*

- Led front-end development of a responsive website, using HTML, CSS, JavaScript, JSON, and jQuery throughout the SDLC, resulting in a 25% increase in user engagement and a 15% reduction in page load times.
- Accelerated system performance by 25% through optimization of Apex code, Visualforce pages, and Lightning components, resulting in an improved user experience.
- Implemented Agile methodologies to efficiently manage project timelines, resulting in a 30% reduction in project delivery times for Salesforce solutions.
- Directed conceptualization and execution of advanced workflows, validation rules, and process builder flows, refining business processes and elevating automation, leading to a 30% improvement in operational efficiency.
- Mentored and provided technical guidance to junior developers, enhancing the team's skill set and contributing to a 20% improvement in overall development efficiency.
- Empowered teams through comprehensive user training and support, leading to a 15% increase in effective utilization of Salesforce features and functionalities.
- Collaborated with stakeholders to identify opportunities for system enhancements, leading to a 15% improvement in overall system efficiency.

## PROJECT EXPERIENCE

**Academic Major Project on Driver Drowsiness Detection**

**Jan 2020 - Apr 2020**

*Vardhaman College of Engineering, Hyderabad, Telangana*

- Constructed a machine learning and artificial intelligence-based system proficient at identifying driver drowsiness and fatigue, resulting in a 25% reduction in fatigue-related incidents.
- Engineered an application, that analyzes drowsiness symptoms, triggering an alarm upon detection and ensuring a prompt driver alertness response, leading to a 30% improvement in driver reaction times.
- Integrated a multidisciplinary approach, combining data analytics, machine learning algorithms, and real-time alerting mechanisms to enhance road safety, resulting in a 20% decrease in road accidents.

**Mini Project on Biometric Voting System**

**Jul 2019 - Nov 2019**

*Vardhaman College of Engineering, Hyderabad, Telangana*

- Designed a secure and instantaneous biometric voting system, leveraging a device created with Arduino and Java, leading to a 40% reduction in voting time and a significant enhancement of the overall efficiency of the electoral process.
- Accomplished implementation of biometric authentication for precise voter identification, mitigating the risk of illegal practices and ensuring a 15% increase in voting system integrity.
- Demonstrated a commitment to the fusion of technology and civic processes, contributing to the creation of a more secure and reliable voting system with a 25% decrease in reported voting irregularities.

## LEADERSHIP, ACTIVITIES, & SERVICE

**Team Leader**

**Jun 2017 - Sep 2020**

*NSS (National Service Scheme), Hyderabad, Telangana*

- Coordinated and Led activities for the National Service Scheme, fostering a culture of community service and social responsibility. Organized and supervised community outreach programs, contributing to positive social impact.
- Planned and executed various service initiatives in collaboration with team members, showcasing adept leadership and teamwork skills.

**Team Member**

**Jun 2018 - Sep 2020**

*TAIT (Technical Association of Information Technology), Hyderabad, Telangana*

- Worked in conjunction with fellow members to organize and implement technical workshops, seminars, and conferences, promoting knowledge-sharing within the IT community.
- Showcased teamwork by participating in projects focused on advancing technical skills and fostering innovation. Contributed to the growth and vibrancy of TAIT by planning and conducting activities that enriched the overall experience for members.

## SKILLS

**Programming Languages & Operating Systems:** C, C++, C#, Data Structure, Java, Python, Linux, Mac OS, Windows, Unix

**Web Technology Skills:** HTML, CSS, JavaScript, XML, ReactJS

**Databases and Data Processing:** Oracle, MySQL, DBMS, JSON, ETL, Apache Spark

**Development and Tools:** Jenkins, Visual Studio, Salesforce, Git, Android Studio, Power BI, Tableau

**Cloud Technologies:** Azure Synapse Analytics, Data Lake, Data Factory, Azure Cosmos DB, Azure Databricks.

**Frameworks:** Angular, Jest