

# VISHAL ADHAV

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**Software Developer with 3+ years of experience specializing in data visualization, web development, and interactive tool creation.**  
Passionate about soccer and combining technology with sports to deliver impactful solutions. Skilled in Front-end and Back-end development, data pipelines, and cloud technologies, with a proven track record of success in fast-paced, collaborative environments.

## WORK EXPERIENCE

<b>Binghamton University</b> <i>Research Data Analyst</i>	August 2023 - December 2024 <i>Binghamton, New York</i>
<ul style="list-style-type: none"><li>Designed and developed interactive <b>Tableau</b> dashboards for <b>healthcare analytics</b>, improving data visibility and decision-making efficiency by 40%.</li><li>Built and maintained <b>data pipelines</b> using <b>Python</b> and <b>GCP BigQuery</b>, enabling seamless data processing and ensuring 99.9% accuracy for regulatory compliance.</li><li>Streamlined cross-functional data integration with automated validation, reducing analysis time by 70%.</li></ul>	
<b>Diquery Digital Pvt Ltd</b> <i>Software Engineer II</i>	July 2021 - June 2023 <i>Mumbai, India</i>
<ul style="list-style-type: none"><li>Developed interactive tools for <b>data visualization</b> and reporting using <b>Python</b>, <b>GCP BigQuery</b>, and <b>Tableau</b>.</li><li>Implemented <b>ETL pipelines</b> and data governance frameworks for regulatory compliance, achieving a 99.99% accuracy rate.</li><li>Automated anomaly detection in financial data, reducing response times from 48 hours to 10 minutes.</li></ul>	
<b>V2STech Solutions pvt ltd</b> <i>Software Engineer</i>	August 2020 - July 2021 <i>Mumbai, India</i>
<ul style="list-style-type: none"><li>Developed <a href="#">First Kick Football</a>, a soccer-based platform fostering youth development using <b>Python Django</b> and <b>relational databases</b></li><li>Designed and deployed an integrated <b>payment gateway</b>, streamlining user transactions and ensuring security</li><li>Leveraged <b>JavaScript</b> and Google Cloud Platform (<b>GCP</b>) for deployment, optimizing performance and scalability</li><li>Enhanced the user experience through intuitive design, increasing engagement by 40%</li></ul>	

## PROJECT EXPERIENCE

<b>First Kick Football Platform</b>   <i>Python, Django, JavaScript, GCP, PostgreSQL</i>	
<ul style="list-style-type: none"><li>Built a <b>full-stack web application</b> for soccer enthusiasts, integrating a user-friendly interface, payment gateway, and robust backend</li><li>Delivered real-time data insights on player performance, fostering community engagement and enabling talent identification</li></ul>	
<b>Interactive Data Visualization for Player Analytics</b>   <i>Python, D3.js, Plotly, React</i>	
<ul style="list-style-type: none"><li>Designed dynamic dashboards for tracking and analyzing soccer player performance metrics, aiding coaching and scouting teams</li><li>Created <b>RESTful APIs</b> for seamless data integration, ensuring real-time updates and accuracy</li></ul>	
<b>Healthcare Provider Data Hub</b>   <i>Python, GCP, BigQuery</i>	
<ul style="list-style-type: none"><li>Developed automated validation system for inventory management <b>data warehouse</b>, cutting product data inconsistencies by 85% and eliminating 30+ hours of weekly manual checks</li></ul>	

## TECHNICAL SKILLS

<ul style="list-style-type: none"><li><b>Languages:</b> Python, JavaScript, Java, SQL, HTML/CSS</li><li><b>Frameworks:</b> Django, Flask, React</li><li><b>Visualization Tools:</b> D3.js, Plotly, Tableau, Matplotlib</li><li><b>DevOps &amp; Cloud Technologies:</b> AWS, GCP, Docker, Kubernetes, Jenkins, Configuration Management, Git</li><li><b>Databases &amp; Data Tools:</b> PostgreSQL, MongoDB, MySQL, Elastic Search, ETL Pipelines</li><li><b>Development Tools &amp; Practices:</b> Agile/Scrum, JIRA, REST APIs, Microservices Architecture, Strategic Planning, Change Management</li></ul>
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## EDUCATION

<b>Binghamton University, State University of New York, School of Computing</b>	December 2024
Master of Science in Information Systems	
<b>Cumulative GPA:</b> 3.56/4.00	
<b>Relevant Coursework:</b> Web Database & Security, Applied Data Mining, Database System, Tools for Data Science, Software Project Management, Information System Security, Design Pattern	