

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

Binghamton University

August 2023 - December 2024

Research Data Analyst

Binghamton, New York

- Designed and developed interactive **Tableau** dashboards for **healthcare analytics**, improving data visibility and decision-making efficiency by 40%.
- Built and maintained **data pipelines** using **Python** and **GCP BigQuery**, enabling seamless data processing and ensuring 99.9% accuracy for regulatory compliance.
- Streamlined cross-functional data integration with automated validation, reducing analysis time by 70%.

Diquery Digital Pvt Ltd

July 2021 - June 2023

Software Engineer II

Mumbai, India

- Developed interactive tools for **data visualization** and reporting using **Python**, **GCP BigQuery**, and **Tableau**.
- Implemented **ETL pipelines** and data governance frameworks for regulatory compliance, achieving a 99.99% accuracy rate.
- Automated anomaly detection in financial data, reducing response times from 48 hours to 10 minutes.

V2STech Solutions pvt ltd

August 2020 - July 2021

Software Engineer

Mumbai, India

- Developed [First Kick Football](#), a soccer-based platform fostering youth development using **Python Django** and **relational databases**
- Designed and deployed an integrated **payment gateway**, streamlining user transactions and ensuring security
- Leveraged **JavaScript** and Google Cloud Platform (**GCP**) for deployment, optimizing performance and scalability
- Enhanced the user experience through intuitive design, increasing engagement by 40%

PROJECT EXPERIENCE

First Kick Football Platform | Python, Django, JavaScript, GCP, PostgreSQL

- Built a **full-stack web application** for soccer enthusiasts, integrating a user-friendly interface, payment gateway, and robust backend
- Delivered real-time data insights on player performance, fostering community engagement and enabling talent identification

Interactive Data Visualization for Player Analytics | Python, D3.js, Plotly, React

- Designed dynamic dashboards for tracking and analyzing soccer player performance metrics, aiding coaching and scouting teams
- Created **RESTful APIs** for seamless data integration, ensuring real-time updates and accuracy

Healthcare Provider Data Hub | Python, GCP, BigQuery

- Developed automated validation system for inventory management **data warehouse**, cutting product data inconsistencies by 85% and eliminating 30+ hours of weekly manual checks

TECHNICAL SKILLS

- Languages:** Python, JavaScript, Java, SQL, HTML/CSS
- Frameworks:** Django, Flask, React
- Visualization Tools:** D3.js, Plotly, Tableau, Matplotlib
- DevOps & Cloud Technologies:** AWS, GCP, Docker, Kubernetes, Jenkins, Configuration Management, Git
- Databases & Data Tools:** PostgreSQL, MongoDB, MySQL, Elastic Search, ETL Pipelines
- Development Tools & Practices:** Agile/Scrum, JIRA, REST APIs, Microservices Architecture, Strategic Planning, Change Management

EDUCATION

Binghamton University, State University of New York, School of Computing

Master of Science in Information Systems

December 2024

Cumulative GPA: 3.56/4.00

Relevant Coursework: Web Database & Security, Applied Data Mining, Database System, Tools for Data Science, Software Project Management, Information System Security, Design Pattern