

VIGNESH S

Hyderabad | vignesh102801@gmail.com | +916369131152 | <https://github.com/vignesh102801/portfolio-Vignesh>

PROFILE SUMMARY

- Detail-oriented and versatile IT professional with strong skills in web development, software testing and data analytics.
- Proficient in HTML, CSS, JavaScript, Python, SQL and data visualization tools like Power BI and Excel.
- Adept at extract, transform, analyze, and present data to drive actionable insights and business strategies.
- Passionate about building efficient and scalable applications.

TECHNICAL SKILLS

- **Programming & Query Languages:** HTML, CSS, Java, Python (Pandas, NumPy), SQL (MySQL)
- **Data Visualization & Analytics:** Power BI, Excel (Pivot Tables, VLOOKUP)
- **Web Development:** Front-end Development (HTML, CSS, JavaScript, React.js)
- **Database:** MySQL
- **Tools & Platforms:** Git, GitHub, VS Code, Postman

PROJECTS

- Inventory Assist (Python, SQL)** [Inventory](#) **March 2022**
- Developed a command-line inventory tracking system using Python and SQLite.
 - Automated stock updates and reduced discrepancies by 25%, improving warehouse efficiency.
 - Project available on GitHub with complete source code and README documentation.
- Admission Workflow Manager (Java, HTML/CSS, MySQL)** [Admission workflow](#) **DEC 2023**
- Designed a full-stack web system to manage college admissions, with online form submissions and backend data storage using MySQL.
 - Built with Java Servlet for backend processing and styled with responsive, colorful HTML/CSS frontend, Repository includes frontend code, backend logic, database schema, and README documentation.

EDUCATION

- MSc in Computer Science** (Sri Ramakrishna College of arts & science) **Sept 2022 – April 2024**
- GPA: 7.7/10.0
 - **Coursework:** Data Structures and Algorithms, Database Management Systems, Operating Systems, Software Engineering, Web Technologies, Computer Networks, Artificial Intelligence, Object-Oriented Programming.

ACADEMIC ACHIEVEMENTS & ADVANCEMENTS

- Paper Presentation: Presented a research paper at the international conference (BIFAHNS-2023), gaining hands-on experience in research methodologies, technical writing, and presentation skills.
- Business Analytics Conclave: Designed a data visualization poster for a national-level business analytics conclave, strengthening skills in data interpretation, visual communication, and business intelligence concepts.
- Research Publication: Published a research paper titled "*Cyber Threat Detection Using AI*", exploring anomaly detection techniques and machine learning models for real-time cybersecurity applications.
- Industry-Oriented Training: Completed a "G Suite" course, gaining expertise in cloud-based productivity tools and workflow automation.

CERTIFICATIONS

- Introduction to SQL – DataCamp
- Data Visualization Fundamentals – Coursera
- Data Mining – SWAYAM
- Network Security – Great Learning Academy

ADDITIONAL INFORMATION

- **Language Proficiency:** English(fluent), Tamil(fluent), Malayalam(fluent)
- **Personal Traits:** Passionate about continuous learning, adapting to new technologies, and contributing to innovative IT projects.