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**Professional Summary**

Detail-oriented and tech-savvy B.Tech IT graduate with strong analytical and data management skills. Experienced in investigating, cleaning, analyzing, and validating large datasets. Proficient in advanced Excel, Python, and data visualization tools with proven ability to deliver high-quality reports. Adept at collaborating in fast-paced environments, adapting quickly, and communicating effectively to support data-driven decision-making. Seeking to contribute as an Analyst at Optum to help optimize health outcomes.

**Education**

**Bachelor of Technology (B.Tech) in Information Technology**  
BSA Crescent Institute of Science and Technology, Chennai  
2021 – 2025 | CGPA: 7.7  
Relevant Coursework: Web Programming (Python, JavaScript), Data Analytics, AI/ML Engineering, Data Structures & Algorithms, Cyber Forensics

**Technical Skills**

* **Data Management & Analysis:** Advanced Excel (PivotTables, VLOOKUP, Macros), Power BI, MySQL, Data Cleaning & Validation
* **Programming:** Python (Pandas, NumPy), JavaScript, Java
* **Web Development:** React.js, Node.js, Flask, REST APIs
* **Tools:** VS Code, Jupyter Notebook, GitHub, Postman, Docker, PyTest
* **AI & Cloud:** Microsoft Azure AI Platform (In Progress: Azure AI Engineer Associate)
* **Soft Skills:** Communication, Time Management, Research, Adaptability, Team Collaboration

**Certifications**

* Machine Learning with Python – IBM Cognitive Class
* Web Programming with Python and JavaScript – Harvard University Online
* Basic Azure and Distributed Systems Concepts – Microsoft Learn
* In Progress: Azure AI Engineer Associate – Microsoft Ignite

**Relevant Projects & Experience**

**Hexaware Technologies – Mavericks Hackathon (Oct–Dec 2024)**  
Winner – HexaRideShare Carpooling Application

* Developed a React-Node.js carpooling app optimizing ride-sharing routes and reducing travel costs.
* Integrated Google Maps API for real-time location tracking and route optimization.
* Achieved first place for innovation, usability, troubleshooting, and impact.

**NOVITECH R&D Pvt Ltd – Full-Stack Web Development Intern (Jul–Sep 2024)**

* Built and deployed a personal finance management web app with secure authentication and role-based access.
* Debugged APIs and integrated front-end with RESTful backend services.
* Collaborated in Agile environment enhancing communication and analytical skills.

**KODACY – Robotics & Embedded Systems Intern (Nov 2023)**

* Developed an Arduino-based line follower robot using infrared sensors and C++ programming.
* Programmed real-time microcontroller logic for autonomous navigation.

**Academic Design Project**  
Face Recognition Attendance System

* Created an AI-powered attendance system using OpenCV and TensorFlow with over 90% accuracy.
* Managed large datasets for training and validation to ensure system reliability.

**Professional Attributes**

* Strong attention to detail and accuracy in data handling
* Self-starter with excellent time management and ability to meet deadlines
* Quick learner, adaptable to new systems and organizational changes
* Effective communicator with collaborative team skills
* Analytical mindset for interpreting data and generating actionable insights