Rayadurgam Swetha

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EDUCATIONAL QUALIFICATIONS

Course/Examination	Institution/University	Year of Passing
B.Tech in Computer Science and Engineering	JNTUA College of Engineering, Pulivendula (CGPA:8.52/10.00)	2025
Intermediate	Narayana Junior College, Anantapur (97.6%)	2022
SSC	Viswa Bharathi E.M High School,Anantapur (CGPA:10.00/10.00)	2019

SKILLS: *Programming: Python,Java,JavaScript| Web:HTML,CSS Bootstrap|Databases: SQL,MongoDB,Flask|Analytics:PowerBI,Tableau,Excel,Jupyter Notebook|Soft Skills: Problem Solving,Teamwork,Communication.*

INTERNSHIPS

- **Assistant Software Devloper Intern -- Amaravathi Software Innovations Pvt. Ltd., Rajahmundry** **[May 2024 – July 2024]**
  - Analyzed **large-scale business datasets** to extract actionable insights that improved reported efficiency.
  - Automated recurring data preparation tasks using **Python and SQL,** reducing manual effort by 25%.
  - Collaborated with the development team to **design and test data-driven solutions,** supporting client decision-making processes.
  - Built **interactive dashboards** in Power BI and Excel that visualized KPIs, improving management's visibility on business performance.
  - Documented workflows and presented findings, strengthening **communication and data storytelling skills.**

- **Frontend Development Intern – Codsoft Pvt. Ltd.,** **[Dec 2023—Jan 2024]**
  - Designed and deployed a **personal portfolio website** using HTML, CSS, and JavaScript, ensuring **cross-device responsiveness** and smooth navigation.
  - Developed a **social media analytics dashboard** with dynamic UI components, enabling interactive features such as filters, charts, and live updates.
  - Implemented **modern design practices** including animations, transitions, and clean layouts to improve **user engagement**.
  - **Optimized** website performance by applying **best practices in CSS styling, image compression, and DOM manipulation**.
  - Strengthened frontend development skills by working with real-world projects that mimic **professional client requirements**.

- **Data Analytics Intern – CognoRise Infotech Pvt. Ltd.,** **[July 2024 – Sep 2024]**
  - Built **interactive dashboards in Power BI and Tableau** to track sales, customer churn, and operational KPIs, enabling management to monitor business health in real-time.
  - Conducted **exploratory data analysis (EDA)** using Python (Pandas, NumPy, Matplotlib, Seaborn) to uncover patterns and trends in large datasets..
  - Delivered **visual reports and storytelling presentations**, turning raw data into actionable insights that supported data-driven decision-making.
  - Worked on **predictive models** (e.g., regression for sales forecasting, classification for churn modeling) to assist in future business planning.
  - Improved efficiency by **automating data cleaning and preprocessing** pipelines, reducing report generation time by 30%.

PROJECTS UNDERTAKEN

- **Awareness on Tobacco | Domain: HTML, CSS, JavaScript** **[June 2023]**
  - Designed and developed an **interactive awareness platform** highlighting the risks of tobacco addiction
  - Implemented a **responsive UI** to ensure accessibility across devices.
  - Applied **JavaScript-based animations and validations** to make the platform more user-friendly and interactive.

- **Retail Analytics Dashboard | Domain: Power BI** **[Feb 2025]**
  - Designed **interactive dashboards** to track sales, profit, customer trends, and product performance.
  - Used **Power Query** for data cleaning and transformation, ensuring accurate and reliable reports.
  - Implemented **filters, slicers, and drill-through features** for deeper business insights.
  - Identified **sales drivers and underperforming categories**, helping guide strategic decisions.

- **Portfolio Website | Domain: HTML, CSS, JavaScript** **[August 2023]**
  - Built a **personal portfolio website** to showcase academic projects, internships, and technical skills.
  - Designed a **responsive layout** ensuring smooth navigation across desktops, tablets, and mobiles.
  - Enhanced user experience with **JavaScript-based interactivity** (animations, navigation menus, and form validation).
  - Deployed the website on **GitHub Pages,** making it accessible as a professional portfolio for recruiters.

CERTIFICATIONS

- **Microsoft Certified – Azure Fundamentals**
  - Gained foundational knowledge of cloud concepts, Azure services, security, and pricing models, validating skills in cloud computing essentials.
- **Deloitte Australia Data Analytics Virtual Job Simulation (Forage, 2025)**
  - Completed a Deloitte virtual job simulation in **data analysis and forensic technology**.
  - Built an interactive **Tableau dashboard** to present business insights.
  - Used **Excel classification techniques** to organize datasets and draw conclusions.
- **Coursera – Introduction to Web Development (HTML, CSS, JavaScript)**
  - Learned the fundamentals of **frontend development**, including webpage structuring, styling, and client-side interactivity.
- **TCS iON Career Edge – IT for Primer**
  - Developed **professional and IT workplace readiness skills** including communication, soft skills, and basic IT tools.
- **National Level STTP 2k24 – Java Programming (JNTUA & AICTE, Brainovision Solutions)**
  - Participated in a short-term training program on advanced Java programming concepts, problem-solving, and coding practices at national level.

POSITIONS OF RESPONSIBILITY

- **Coordinator – College Fest 2023 (JNTUA CEA)**
  - Organized and managed events, coordinated with faculty and student teams, and contributed to successful execution of the annual college fest.
- **Volunteer – National Service Scheme (NSS, JNTUA CEA)**
  - Participated in community service activities such as awareness campaigns, cleanliness drives, and student outreach programs, fostering social responsibility.