

Yenuganti Partha Sreekar

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Portfolio: <https://s-yenugan.github.io/project/>

Work Experience

UI Intern, Synnys Group — May-Jun 2023

- Collaborated with a team of 4 developers to enhance the application's responsiveness and accessibility.
- Designed and optimized 5+ UI components using Angular 14, JavaScript, HTML, and CSS, reducing average load time by 30%.
- Implemented a user-friendly registration interface, leading to a 15% higher user retention rate.

Projects

Athena – Local Commerce Platform

- Gathered business requirements and documented them in Business Requirement Documents (BRD).
- Designed Use Case, Class, and Workflow Diagrams to represent business processes.
- Applied Agile principles for iterative development, delivering features ahead of schedule.

Early Diagnosis of Alzheimer's Disease Using Handwriting Analysis

- Collected and analyzed 174 handwriting samples, achieving 90.5% accuracy using Random Forest and LGBM Classifier models.
- Applied PCA and Min-Max scaling to optimize the dataset and improve model performance.
- Validated model reliability through 5-fold cross-validation.

Estimation of Obesity Levels Based on Eating Habits and Physical Conditions

- Processed 2,000+ rows of data and trained a Random Forest Classifier model with 92% accuracy.
- Reduced model training time by 20% through feature selection techniques.
- Presented results via interactive dashboards, enhancing stakeholder understanding by 50%.

Education

- **B.Tech in Computer Science & Engineering**, Gitam University, 2020-2024 — GPA: 7.9
- **Intermediate in Physics, Chemistry, & Mathematics**, Narayana College, 2020 — GPA: 8.03
- **CBSE**, Presidential School, 2018 — Percentage: 58%

Technical Skills & Certifications

- **Programming:** Python, JavaScript (basics), HTML, CSS.
- **Database:** MySQL, Excel.
- **Version Control:** Git.
- **Soft Skills:** Verbal and written communication, stakeholder management, and attention to detail.

Certifications

- Python for Data Science, AI & Development - IBM
- Database Management Essentials - University of Colorado System
- Introduction to Web Development - University of California, Davis
- Data Analytics and Visualization Specialist - Accenture North America

Positions of Responsibility

GUSAC Club Member

- Participated in organizing 5+ non-technical initiatives and cultural events, engaging 500+ participants.

Additional Information

- **Languages:** English (Fluent), Telugu (Native), Hindi (Proficient).
- **Hobbies:** Playing badminton, exploring new technologies, and reading business case studies.