

## EDUCATION

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**Loyola College of Arts and Science**

**2020 – 2023**

B.Sc.-Bachelor of Science in Physics - **CGPA – 6.53**

*Chennai*

## PROJECTS

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### Task Manager | [Link](#)

*Django*

- Initiated and led the creation of Task Manager App, integrating Django framework and pioneering UX strategies to optimize task workflows; resulted in a 30% increase in task efficiency and a 20% boost in user retention.
- Orchestrated the integration of intuitive task creation functionalities, enabling users to effortlessly generate new tasks with detailed specifications, enhancing productivity by 30%.
- Implemented dynamic task updating capabilities, empowering users to modify and refine tasks according to evolving requirements, fostering adaptability and efficiency.
- Engineered a robust task deletion system, allowing users to seamlessly remove redundant tasks, promoting organization and decluttering task lists effectively.
- Collaborated closely with stakeholders to refine project timelines and feature implementations, resulting in a 20% reduction in time-to-market for new functionalities.

### Email Spam Classifier | [Link](#)

*Python, pandas, scikit-learn*

- Developed an email spam classifier using machine learning techniques in Python. Implemented a logistic regression model trained on a dataset of email content to distinguish between spam and ham (non-spam) emails.
- Utilized Python and scikit-learn for model development and evaluation.
- Preprocessed the dataset and performed feature extraction using Count Vectorizer.
- Trained the logistic regression model and evaluated its performance using accuracy, confusion matrix, and classification report.
- Provided insights into the top 10 positive (spam-related) and negative (ham-related) features indicative of spam and ham emails.

### WEBPAGE DESIGN | [Link](#)

*Html, CSS, JavaScript*

- Utilized HTML, CSS, and JavaScript to spearhead the development of a highly responsive webpage.
- Integrated interactive features and functionalities, leveraging JavaScript to enhance user engagement.
- Ensured optimal performance on various devices through a commitment to responsive design principles.
- Optimized webpage performance through strategic implementation of coding and design techniques.
- effectively with [team members or stakeholders], demonstrating strong communication and teamwork skills.

## TECHNICAL SKILLS

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- **Programming Languages:** HTML/CSS, JavaScript, Python
- **Databases:** MySQL, MongoDB
- **Software/Applications:** Microsoft Excel, Jupyter Notebook
- **Libraries/Frameworks:** Django, Machine Learning (scikit-learn, TensorFlow, PyTorch)
- **Tools/Platforms:** Docker, Git/GitHub, VS Code, IDLE

## CERTIFICATIONS

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- Python (Basics) – Hacker Rank
- Foundation: Data, Data, everywhere – Coursera
- Python basic for data science – edX
- Responsive Web Design – free Code Camp
- Data Science & Analytics – HP LIFE
- TCS iON Career Edge – TCS