

Shreya Parkar

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Experience

Meraki Designing Services

Remote

Full Stack Developer Intern

June 24 – July 24

- Deliver multiple projects meeting tight deadlines working with graphic designers and achieving project objectives.
- Implemented between 3 to 5 key functionalities on each platform, significantly improving user experience.
- Contributed to the creation and ongoing maintenance of over 2 platforms, enhancing the company's digital infrastructure.

Education

DJ Sanghvi College of Engineering

Mumbai University

Bachelor of Technology: Information Technology. GPA: 8.8425

May 2025

Honors in Developmental Operations

Pace Junior Science College

Mumbai University

Percentage: 94%

June 2021

Projects

Pneumonia Detector || Your Health tracker

Mar 24 – Apr 24

- Developed a pneumonia detection system utilizing transfer learning techniques for enhanced diagnostic accuracy.
- Employed the VGG16 model to achieve a training accuracy of 97.51% and a validation accuracy of 91.83%.
- Integrated the machine learning model with a web application, facilitating user interaction and accessibility.
- Utilized React for the frontend, Flask as the backend, and TensorFlow for the ML model.

LeaseGuard Pro || Lease Property Maintenance

Apr 24 – Present

- Developed a lease property maintenance system featuring user roles (admin, creator, authorizer) and a 20+ attribute database schema.
- Implemented branch-specific entry for creators to add records, validated by authorizers, improving data accuracy.
- Leveraged MongoDB, Flask, and React to enable efficient querying over 4+ attributes.

Analyzing Sentiments || Multi-Model evaluation on IMDb

Feb 24 – Mar 24

- Conducted sentiment analysis on IMDb dataset using Vanilla RNN, GRU, LSTM, Bi-LSTM models.
- Evaluated model performances based on accuracies, with GRU achieving highest accuracy of 88.84%, surpassing Vanilla RNN by 25%.
- Analyzed and compared the results to determine the most effective model for sentiment analysis.

ResearchMate || Research Aid Platform

Feb 24 – Feb 24

- Incorporated key functionalities, including a summarization feature that effectively reduced lengthy research extracts of research materials by 50%, along with limitation generation and chatbot interaction.
- Integrated technologies like ReactJs, CSS, Flask, Spacy, ChatGPT to enhance user experience.

Certifications

MongoDB NodeJs and Python Developer Path

MongoDB

- Mastered CRUD operations in NodeJs and Python along with creating aggregation pipelines and establishing indexes to improve query performance.

Foundation of User Experience (UX) Design

Google, Coursera

- Mastered applying factors contributing to great User Experience and making them useful, enjoyable, and accessible.

Skills & Interests

Technology: HTML, CSS, MongoDB, ReactJs, NodeJs, Tailwind CSS, Sass, Java, C, Python, Flask, MySQL, Pandas, Matplotlib, Django, PHP

Software: Github, Figma, Tableau, Microsoft Office

Achievements: Datathon (Hackathon) participant, School Topper in Science and Marathi