

ABHIRAM RANGOON

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Leetcode: Leetcode.com/Abhiram_rangoon

SUMMARY

Motivated Computer Science graduate skilled in Python Full Stack Development, Data Analysis, and UI/UX Design. Proficient in solving algorithmic problems using DSA and in building scalable web applications with Django, JavaScript, and SQL. A Machine Learning enthusiast with a passion for creating intuitive user experiences and data-driven solutions to support innovative, agile tech teams. Eager to contribute to cutting-edge projects that integrate scalable technologies, intelligent systems, and collaborative development.

EDUCATION

Rajiv Gandhi University of Knowledge and Technologies, Basar
Computer Science Engineering: GPA: 8.21/10.0

Nirmal, Telangana, India
12 June 2021 - 10 May 2025

SKILLS

- **Front-End Development:** HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap
- **Back-End Development:** Python, Django, Django REST Framework (DRF), MySQL
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn, PowerBI
- **Machine Learning & AI:** Supervised Learning, Unsupervised Learning, Model Evaluation Metrics, NLP
- **UI/UX Essentials & Tools:** Figma, Git, Github, Wireframing, Prototyping, User Research, Visual Design
- **Soft Skills:** Problem-Solving, Critical Thinking, Adaptability, Fast Learner, Attention to Detail

EXPERIENCE

UI/UX DESIGN INTERN | CODTECH IT SOLUTIONS | [LINK](#)

25 April 2024 - 25 May 2024

- Collaborated with cross-functional teams to design and prototype user interfaces for web and mobile applications using tools like Figma and Adobe XD, enhancing overall usability and aesthetics.
- Conducted in-depth user research, wireframing, and usability testing to improve product workflows and interface design, leading to a 45% increase in overall user engagement and satisfaction.
- Assisted in creating responsive and accessible UI components while following design systems and best practices, ensuring a consistent user experience across platforms.

PROJECTS

E-Commerce Platform | [LINK](#)

21 February 2025 - 25 March 2025

Tech Stack: Django, Django REST Framework, HTML, CSS, JavaScript

- Developed a full-featured eCommerce platform with user authentication, product catalog, shopping cart, and secure checkout functionality using Django and Django REST Framework.
- Built responsive UI with HTML, CSS, and JavaScript for a seamless cross-device shopping experience, and integrated scalable RESTful APIs for secure product, user, and order management with robust backend architecture and error handling.

Disease Prediction and Health Recommendation System | [LINK](#)

29 April 2025 - 2 May 2025

Tech Stack: Python, Flask, Machine Learning (Support Vector Classifier)

- Developed a web-based disease prediction system using Flask that analyzes user symptoms and predicts possible diseases with high accuracy using the Support Vector Classifier (SVC) algorithm.
- Implemented a personalized health recommendation engine delivering tailored medicine and lifestyle advice based on predicted diseases and user health data, with a user-friendly interface for seamless data input, real-time ML model integration, and efficient result visualization.

Data Analysis of Blinkit Sales Data | [LINK](#)

6 May 2025 - 18 May 2025

Tools Used: Power BI, pandas, DAX

- Performed data cleaning and preprocessing by removing unnecessary columns, handling missing values, eliminating duplicates, and optimizing data types for accurate analysis using pandas.
- Analyzed sales data in Power BI using DAX, calculated columns, and dynamic reports to uncover trends in product performance, customer ratings, and market distribution, enabling strategic insights across Tier 1–3 regions.

Achievements and Certifications

- **LeetCode Milestone:** Solved 320+ Data Structures and Algorithms problems
- **UI/UX Design Certification** – Hands-on experience with user research, wireframing, prototyping using Figma
- **Best Final Year Project** – Disease Prediction and Medicine Recommendation with ML (87% Accuracy)
- **Leadership** – Led team of 5 to deliver health recommendation engine ahead of schedule, boosting collaboration and results