

# Bhavya D Verma

[vermabhavya783@gmail.com](mailto:vermabhavya783@gmail.com) | [linkedin.com/bhavya](https://www.linkedin.com/in/bhavya) | [github/bhaavvy](https://github.com/bhaavvy) | [leetcode.com/bhavya\\_143](https://leetcode.com/bhavya_143) | +91-9892907159

## PROJECTS

### Obfuscated Android Malware Detection and Classification | [Github](#)

- **Tech Stack:** Python , Numpy, Pandas, Machine learning algorithms, Google colab
- **About:** It is a research-based project which aims to achieve high classification accuracy rates for quickly detecting and identifying obfuscated android malware by classifying Extratrees and LSTM models for classifying obfuscated APK features.

### Sentimental Analysis | [Github](#)

- **Tech Stack:** Jupyter Notebook, Kaggle dataset
- **Libraries:** Numpy, pandas, Textblob, Sentiment Analyzer, Python libraries
- **About:** Programmed a sentiment analyzer to categorize tweets from the dataset into negative, neutral, and positive sentiments. Utilizing the Sentiment Analyzer, it generates counts for each sentiment category—neutral, positive, and negative.

### Tuning: Music Website | [Github](#)

- **Tech Stack:** Mongodb, Nodejs, Express, Reactjs, Firebase storage, MERN Stack, Javascript
- **About:** Developed a sleek music streaming website containing all CRUD operations, facilitating easy song uploads & sharing. Used MongoDB & Firebase as database, Express to create RESTful API, Node for server-side logic & React to create UI.

### Amazon Product Analysis | [Github](#)

- **Tech Stack:** Python, Tkinter, Pandas, Seaborn, Web scraping
- **About:** Programmed a web scraper to gather data from the Amazon website for men's, women's, and kids' wear specifically for the month of July 2023. Enabled users to analyze trends between the price and rating of various brands by generating graphical representations.

### RFIT: Fitness Website | [Github](#) | [Live link](#)

- **Tech Stack:** HTML, CSS, Javascript, PHP, MySQL, Kaggle dataset
- **About:** It is a fitness website which tracks meal, weight, exercise and number of glass of water consumed..For ask query section the admin will get the notification and will reply to the query. User can register and ask current weight, age and height, with that BMI will be calculated and set your goal to increase weight or loose weight or balanced weight.

## SKILLS SUMMARY

**Languages:** C/C++, Python, Java

**Web development:** HTML5, CSS, Javascript, PHP, MySQL, MongoDB, Nodejs, Express, React.js, PostgreSQL

**Deep learning:** MP neuron, Hebbian, Perceptron, EBPA, Fuzzy control logic

**AI/ML:** Sentiment Analysis, Web Scraping, Tableau, WhatsApp chat Analyzer-66% accuracy

**Others:** Git, Github, Chatgpt

## EDUCATION

K.J Somaiya College of Engineering   Mumbai, India	Bachelor of Technology in Computer Science	9.34	2021-2025
B.K Birla Public School Kalyan   Mumbai, India	High School in Science field	91.4%	2019-2021

## ACHIEVEMENTS

- Rank 508 in Newton's School Coding Challenge October 2022.
- Highest Rating on leetcode :: 1497.
- 2 star on Codechef, highest rating(currently) :: 1425.
- Achieved Digital badges from Hacktoberfest 2k23.
- Reached till 2<sup>nd</sup> round of IDEATHON held by KJSCE.
- Promoted as Mentor in Girl Script Summer of Code in 2024 and was a contributor in 2023.