

# Omkar G Merava

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## OBJECTIVE

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Aspiring to leverage my software development skills to build scalable and efficient solutions, continuously enhance my expertise, and contribute effectively to a dynamic engineering team.

## EDUCATION

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| <b>Jain College of Engineering and Research</b><br><i>Bachelor of Engineering in Computer Science</i> <ul style="list-style-type: none"><li>Cumulative GPA : <b>8.03</b></li></ul> | Belagavi, Karnataka<br>2021 – 2024 |
| <b>KLE Independent PU College</b><br><i>12th (Higher Secondary Certificate)</i> <ul style="list-style-type: none"><li>Percentage : <b>85%</b></li></ul>                            | Belagavi, Karnataka<br>2018 – 2020 |
| <b>Shantiniketan Public School</b><br><i>10th (Secondary School Certificate)</i> <ul style="list-style-type: none"><li>Percentage : <b>85%</b></li></ul>                           | Khanapur, Karnataka<br>2018        |

## EXPERIENCE

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| <b>Data Science Intern</b><br><i>Pranaksh Technologies</i> <ul style="list-style-type: none"><li>Gained expertise in Python libraries, including NumPy, Pandas, and Matplotlib, for advanced data analysis and visualization.</li><li>Conducted data extraction and transformation on diverse datasets to uncover actionable insights, employing techniques for data cleaning, feature engineering, and normalization.</li><li>Proficiently executed statistical modeling and data manipulation tasks for process optimization and predictive analysis.</li></ul> | August 2023 - October 2023<br>Belagavi, Karnataka |
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## TECHNICAL SKILLS

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- Programming Languages & Frameworks:** Python, SQL, Django, Django Rest Framework, JavaScript
- Databases, Web Technologies & Version Control:** MySQL, HTML, CSS, Git, GitHub
- Concepts:** Data Structures, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP)

## PROJECTS

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### Sleep Disorder Prediction

- Description: Predicted sleep disorders and their types by analyzing lifestyle and medical variables (e.g., age, BMI, sleep duration, blood pressure) using machine learning, achieving 89% accuracy with Random Forest Classifier.
- Technologies Used: The notebooks uses Random Forest Classifier and Decision Tree Classifier.

### Malware Detection using ML

- Description: Developed a robust malware detection system targeting DLL and EXE files, implementing advanced machine learning techniques and achieving 99.4% accuracy with Random Forest Classifier.
- Technology Used: Utilized Python, sci-kit-learn, and pandas for efficient development.

### "Frosty Delights" – A responsive web application for an ice cream shop!

- Created a web application for an ice cream shop, integrating user authentication, dynamic content-driven pages, and reusable templates, ensuring seamless navigation, enhanced engagement, and maintainability.
- Technologies used: Python, Django Framework, Bootstrap, HTML, CSS.

## CERTIFICATIONS

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|------------------------------------|--------------------|
| Python Full Stack Trainee Engineer | Palle Technologies |
| Python for Data Science            | NPTEL              |
| Web Development using HTML, CSS    | Great Learning     |