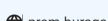# BURAGA PREMKUMAR

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## Objective

I seek challenging opportunities where I can fully use my skills for the success of the organization.

## Education

| Course / Degree | School / University | Grade / Score | Year |
|---|---|---|---|
| Bachelor of Technology in Computer Science and Engineering | Seshadri Rao Gudlavalleru Engineering College, Andhra Pradesh | CGPA: 8.23 | 2020-2024 |
| Intermediate in Mathematics, Physics, and Chemistry (MPC) | Andhra Pradesh Residential Junior College, Venkatagiri | GPA: 9.83 | 2018-2020 |
| High School | St.Arnold's High School | GPA: 9.7 | 2018 |

## Skills

Programming Languages: Java, C, Python

Web Technologies: HTML, CSS, Wordpress

Database : SQL, Database Fundamentals

Effective Communication Skills

## Internships / Workshops:

**Web Developement Intern**
**Company Name:** Vinutna Digital Media
**Duration:** 01/2024 - 05/2024

- Developed and maintained multiple websites using WordPress, ensuring user-friendly interfaces and responsive designs.

- Successfully resolved critical issues in existing websites, enhancing functionality and user experience.

- Managed various projects and effectively coordinated with clients to meet their requirements and expectations.

- Handled client calls, addressing inquiries and providing technical support as needed.

- Collaborated with the team to implement innovative solutions and improve overall website performance.

**Ethical Hacking Workshop**
INDIAN SERVERS
24th – 25th November, 2022

- Participated in a comprehensive two-day workshop on Ethical Hacking

- Acquired knowledge in securing systems and data from potential threats

## Projects

**Project Title:** Automated Mobile Phone Usage Detection and Mailing System Using Deep Learning Techniques
**Description:** This project introduces a system utilizing YOLOv8 object detection for addressing concerns related to mobile phone incidents. Employing advanced computer vision cameras in targeted areas enable real-time identification of mobile phone usage. Upon detection, the system automates notifications, providing essential details - date, time, and captured images. Authorities have set fines for violations, ensuring accountability to discourage mobile phone usage in specified zones.
**Technologies Used :** Python, YOLO, Computer Vision , Python packages related to face recognition and mailing protocols

**Project Title:** News Website: Real-Time Dynamic News Portal
**Description:** Developed a dynamic news website from scratch, employing PHP, HTML, and CSS to ensure its responsive and user-friendly design. Integrated APIs for real-time news updates from diverse sources, and designed an intuitive interface with category-based filtering, showcasing proficiency in web development and a strong aptitude for creating engaging user experiences.
**Technologies Used:** Html, Css, Php, API's

**Project Title:** EV Maps – Redefining EV Charging Infrastructure Location
**Description:** As a visionary team, we developed EV Maps to address the critical challenge of locating Electric Vehicle (EV) charging infrastructure within cities. Our innovative solution revolutionizes the EV landscape by establishing a dynamic network of electric vehicle users.
At its core, EV Maps connects EV owners of the same vehicle type, allowing them to find compatible charging stations effortlessly. At its core, EV Maps connects EV owners of the same vehicle type, allowing them to find compatible charging stations effortlessly.
**Technologies Used:** Html, Css, JavaScript, Php.

**Project Title:** Real-Time Fire Detection System with YOLOv8
**Description:** Implemented a robust Fire Detection System using the state-of-the-art YOLOv8 (You Only Look Once version 8) deep learning architecture. This system efficiently identifies and localizes instances of fire in images and video streams in real-time, enabling swift response to potential fire hazards. Leveraged advanced computer vision techniques to enhance the accuracy and reliability of fire detection, ensuring prompt notification and intervention to mitigate risks.
**Technologies Used**: YOLOv8, Python, OpenCV, TensorFlow/PyTorch, Fire Dataset

## Certifications

- Introduction to CyberSecurity, Cisco

- Python, Ebox

- Java, Hackerrank

## Extra-Curricular Activities

- Actively participated in National Hackathon 2022, VIT-AP University

- Engaged in IDEATE2HACK, a national-level industry-driven Hackathon at VRSEC, Vijayawada

- Presented papers and participated in coding contests at college and online platforms

- Selected for the District-level Kho-Kho sports team