Gaurav Birla

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Education

Pimpri Chinchwad College Of Engineering and Research	**2022 – Ongoing**
Bachelor of Engineering in Computer Engineering: CGPA : 8.20	*Pune, Maharashtra*

Government Polytechnic, Jalgaon	**2019 – 2022**
Diploma in Computer Engineering: Percentage : 91.14	*Jalgaon, Maharashtra*

Experience

Towards Imagination Pvt. Ltd.   **Dec. 2023 – Feb. 2024**
Android App Developer Intern   *Nashik, Maharashtra*
- Utilized XML, Java, and Firebase to design and develop user-friendly and responsive application.
- Developed Online Meeting App & modified the UI of Food Delivery App as per client requirements & learnt about REST API.

Pimpri Chinchwad College Of Engineering & Research, PCET   **Dec. 2023 – Jan. 2024**
Android App Developer Intern   *Pune, Maharashtra*
- Utilized my expertise in XML, Java, and Firebase to design and develop user-friendly and responsive application.
- Developed a College Cruise App to solve the problem of students and staff to reach at college with the mate who have bike.

Nuevera Infotech Pvt. Ltd.   **July 2023 – Sep. 2023**
Associate Website Developer Intern   *Bengaluru, Karnataka*
- Utilized PHP, HTML, CSS, JavaScript, and Bootstrap languages to design and develop user-friendly and responsive Job Portal website.

Projects

Plant Health-Checker | *Python, Deep Learning, Image Classification*   **Feb. 2024 - April 2024**
- **Features:** Crop Leaf Detection from the images and videos.
- Developed a sophisticated plant disease detection system that uses computer vision and machine learning to create a scalable and cost-effective Agri-Tech solution. Trained an image classification model to process crops images and videos without expensive equipment or human intervention.

College Cruise | *XML, Java, Firebase, Google Map API, Android Studio*   **Sep. 2023 – Nov. 2023**
- **Features:** Create Ride, Book Ride, Pickup Requests, Ride Details, UPI Payment, History, Profile, etc.
- Developed a College Cruise App to solve the problem of students and staff to reach at college with the mate who have bike.

Wall Scanner | *Python, Deep Learning, Image Classification, Object Detection*   **March 2023 - May 2023**
- **Features:** Wall Cracks Detection, Wall Fungi Detection, Wall Leakage Detection, etc.
- Developed a sophisticated wall detection system that uses computer vision and machine learning to create cost-effective solution. Trained an image classification model to process images and videos of wall.

Cloud Services | *HTML5, CSS3, JavaScript, Bootstrap, Firebase*   **Feb. 2022 - April 2022**
- **Features:** Upload, Download and View Documents, etc.
- Created a responsive and visually appealing web application for a private organisation using HTML5, CSS3, JavaScript, and Bootstrap & demonstrated creativity & technical skills in web design & development for promoting sustainability practices.

Technical Skills

Languages: Java, HTML/HTML5, CSS/CSS3, JavaScript, SQL, Python
Web Frameworks and Databases: NodeJS, Bootstrap, MongoDB, MySQL
Technologies and OS: Image Classification, Object Detection, ChatGPT (Open AI), Windows