SHRIKRISHNA UMBARE

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EDUCATION

Don Bosco Institute of Technology   Feb. 2020 – Present
Bachelor of Engineering in Computer Science(Honours in cyber security); CGPA: 9.16/10   *Mumbai, India*

- **Relevant Coursework**: Data Structures, Algorithms, Databases, Computer Networks, Operating Systems, Object-oriented programming, Distributed-computing,Software Development Lifecycle

WORK EXPERIENCE

Etihad Holidays | *Web Developer intern*   Sep 2022- Oct 2022
- Developed and maintained the Etihad Holidays website using **WordPress**, HTML, CSS, JavaScript.
- Collaborated with team to design and implement new features for an improved user experience.

College Ranker | *Web Developer Intern*   Aug 2022 - Sep 2022
- **created** a quiz web application with a minimalistic interface.
- Developed front-end using **ReactJS** and the back-end using **ExpressJS** and **MongoDB**.

Don Bosco Institute of Technology | *Cyber Security Intern*   July 2022 - Aug 2022
- Performed **Vulnerability Assessment** and **Penetration Testing** (VAPT) on the DBIT website.
- Compiled a detailed **report** with clear recommendations to address the identified 20+ vulnerabilities.

PROJECTS

Doctor Dr | *Django, Twilo API, dropbox API , JavaScript,AJAX* | 🔗
- Created a **Django** web application for **centralized** storage of doctor's and patient's information, along with an automated prescription **PDF generation** feature utilizing a **dropbox API**.
- Incorporated SMS delivery through the **Twilio API** to enhance healthcare efficiency

Train Brain | *Unity Game Engine, c# ,Github* | 🔗
- Developed a Chess-inspired Android game in **Unity** using **c #** scripting, featuring unique gameplay elements.
- Successfully **published** the game on the Play Store .
- Crafted a user-friendly and visually engaging interface that guided new players with easy-to-understand videos .

ZipScan | *GoLang,Follina Vulnerability* | 🔗
- ZipSec is a GoLang tool for detecting the Follina vulnerability in Office documents by scanning zip contents for malicious URLs.
- Scans files recursively, offering detailed output to efficiently detect potential infections.

Chatify | *java ,Spring Boot,Websockets* | 🔗
- Implemented a real-time chat system using Java Spring Boot with **WebSocket** , facilitating instant messaging .
- The application enhances user interaction through seamless, synchronized communication channels.

AWARDS AND ACHIEVEMENTS

- Published research paper in IEEE
- Empowered over 200 students in GDSC community
- Third Place Innovex 2023
- Top 2% on TryHackMe

TECHNICAL SKILLS

- Python
- JavaScript
- Java
- C/C++
- React
- Spring Boot
- Django
- HTML/CSS
- Bootstrap
- MYSQL/SQL
- Git/GitHub
- Node.js
- MongoDB
- Golang
- Scrapy
- AWS
- APIs
- Databases

LEADERSHIP / EXTRACURRICULAR

Google Developer Student Club-DBIT   July 2023 – Present
Founder,GDSC LEAD   *DBIT*
- **Founded**, established a community and provided guidance to a dynamic team, fostering a **tech-centric** environment.
- Successfully organized **workshops** and **seminars**, sharing valuable insights to empower fellow tech enthusiasts.

Association for Computing Machinery   June 2021 – May 2023
System Security Engineer, Technical Mentor   *DBIT*
- Performed **VAPT** security testing on dbit.acm.org.
- Mentored **20+ training sessions** on programming for Girls4Volunteer and Peer Mentoring for FE.
- **Mentored** more than **7*4 developer** for Teknack.

DBIT T&P cell   Oct 2021 – Present
Training and Placement Coordinator   *DBIT*
- **Organized** many placement drives,training sessions, **managed** placement records, and **provided guidance** to students on placement training.