

EDUCATION

- **Bharati Vidyapeeth's College of Engineering** Delhi, India
Bachelor of Technology - Electronics and Communications; GPA: 8.91/10.00 Aug 2018 – Aug 2022
- **Sachdeva Public School** Delhi, India
XII (Senior Secondary) - CBSE; Percentage: 90.2% Mar 2017 – Mar 2018
X (Secondary) - CBSE; GPA: 10.00 /10.00 Mar 2015 – Mar 2016

SKILLS

- **Programming:** Python, Java, C++, C, MySQL, HTML, CSS, JavaScript
- **Frameworks:** TensorFlow, Keras, PyTorch, Node.js
- **Tools:** Git, REST API, Tableau, PowerBI, Maven, Jira, AWS, Docker

EXPERIENCE

- **Nagarro** Gurgaon, India
Engineer (Full-Time) July 2022 - Present
 - Created a Notifications Service from scratch, facilitating automated and event-triggered notifications for users based on specific system events and triggers.
 - Designed and implemented a personalized recommendation system, enhancing user engagement and content discoverability through innovative solutions.
 - Implemented the integration of user interaction data, refining content suggestions for continuous improvement in user experience.
- **CloudSufi Pvt. Ltd.** Noida, India
Java Developer Intern Feb 2022 - July 2022
 - Developed comprehensive test suites using JUnit and Mockito to ensure the reliability of a critical Google-powered integration service.
 - Implemented robust exception-handling mechanisms throughout the project, ensuring graceful handling of errors and exceptional situations, ultimately enhancing user experience and system stability.
- **Schneider Electric** Gurgaon, India
Summer Intern July 2021 – Sept 2021
 - Leveraged Python for in-depth analysis and visualization of motor relay data.
 - Developed a robust predictive analysis model for supply chain management, focusing on accurate demand forecasting.
 - Maintained comprehensive documentation of the predictive analysis methodologies and algorithms.
- **CyberFlax Pvt. Ltd.** Delhi, India
Machine Learning Developer Intern June 2021 - Aug 2021
 - Conducted data extraction from Portable Executable files using Python, facilitating the development of advanced machine learning models.
 - Conducted thorough data preprocessing to handle missing values, outliers, and ensure data quality.
 - Applied diverse machine learning algorithms to classify and detect malware within windows software.

PUBLICATIONS

- **[Electric Vehicle Accident Alert System](#)** | *IoT, ML* July 2022
 - Devised a research project, supervised by Professor Monica Bhutani, to engineer a predictive model using historical accident data to proactively pinpoint high-risk areas and devised a real-time SOS alert system for better road safety.

PROJECTS

- **E-commerce Platform Development and Integration** | *Rest API, Angular 11* Oct 2022
 - Developed an integrated e-commerce solution, featuring RESTful APIs for user authentication, registration, and product management, seamlessly integrated with an Angular 11 web application for a user-friendly shopping experience.
- **Object Detection using OpenCV** | *Python, OpenCV* Aug 2022
 - Developed a Python project using OpenCV for real-time object detection, enhancing its robustness to handle noisy and challenging video scenarios.
- **Malware Detection in Android Application** | *ML, Python* Aug 2021
 - Designed a machine learning model, employing logistic regression after algorithm evaluation, to detect malicious Android apps through permission analysis, validated with real-world data for practical efficacy.

EXTRACURRICULAR ACTIVITIES

- Actor and Vice President at Zaahir-Theatre Society of BVCOE, performed at Bharat Rang Mahotsav (National School of Drama).
- 1st prize - Inter-College Football Competition (2018).
- 2nd prize – HackBVP hackathon (2019).
- 3rd prize - startup weekend 2018 at Delhi Technological University for presenting startup “LEGAL-AI”.
- Volunteered with the National Service Scheme, actively engaging in diverse social service activities.