

# Simran Gawri

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## EDUCATION

- **Bharati Vidyapeeth's College of Engineering** Delhi, India  
*Bachelor of Technology - Electronics and Communication; 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

- **Languages:** Python, Java, C++, HTML, JavaScript
- **Tools:** ReactJS, Angular, VS Code, Git, REST API, Node.js, Tableau, Maven, Jira

## EXPERIENCE

- **Nagarro** Gurgaon, India  
*Engineer (Full-Time)* July 2022 - Present
  - Developed a Notifications Service from scratch within a microservices architecture, utilizing RESTful APIs to enable automated and event-triggered notifications (e.g., email, SMS, push notifications) for users based on specific system events and triggers.
  - Contributed significantly to front-end development utilizing Angular, playing a pivotal role in crafting modern, interactive, and responsive web applications that served as client-facing solutions, enhancing overall user experiences.
- **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.
  - Assisted cross-functional teams in designing and implementing data integration solutions, enabling seamless data flow and enhancing data-driven decision-making capabilities
- **Schneider Electric** Gurgaon, India  
*Summer Intern* July 2021 – Sept 2021
  - Leveraged Python for in-depth analysis and visualization of motor relay data.
  - Crafted interactive dashboards using Tableau to facilitate data exploration and understanding.
  - Developed a machine learning model for predictive supply chain analysis. Optimized supply chain processes, resulting in a 10% increase in cost savings.
  - Conducted comparative analyses to assess the company's performance against competitors based on the analyzed data.
- **CyberFlax Pvt. Ltd.** Delhi, India  
*Machine Learning Developer Intern* May 2017 - June 2017
  - Conducted data extraction from Portable Executable files, facilitating the development of advanced machine learning models.
  - Applied diverse machine learning algorithms to classify and detect malware within windows software.

## 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.
- **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.
- **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.
- **COVID-19 Time-Series Analysis** | *Python, Tableau* Jan 2021
  - Performed thorough time series analysis on COVID-19 data, leveraging Python libraries for data integration, meticulous cleansing, and informative visualizations to unveil pandemic trends.

## EXTRACURRICULAR ACTIVITIES

- Actor at Zaahir-Theatre Society of BVCOE (2018-2022), performed at Bharat Rang Mahotsav at National School of Drama.
- 1<sup>st</sup> prize - Inter-College Football Competition (2018)
- 2<sup>nd</sup> prize – HackBVP hackathon (2019)
- 3<sup>rd</sup> 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.