

# Arya Parolia

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## SKILLS

Programming	C++ • JavaScript • PHP • Java
Web & Database	HTML • CSS • MySQL • SQL Server (SSMS) • MongoDB
Frameworks	Bootstrap • ReactJS • ExpressJS • jQuery
Tech	Git • Linux • NodeJS • Visual Studio • VSCode • MS Office • Network Security
Language	English • Hindi

## EDUCATION

<b>B. Tech in Computer and Communication Engineering (CCE)</b> , Manipal University Jaipur, <b>CGPA – 8.77/10</b>	<b>(2020-2024)</b>
Relevant Coursework: Java OOP , Web Programming, Data Structures & Algorithms, C++, Software Engineering, Python, Data Science, Data Mining and Warehousing(Now), Blockchain Technology(Now)	
<b>Class 12<sup>th</sup></b> , Kota Rajasthan – <b>64%</b>	<b>(2020)</b>
<b>Class 11<sup>th</sup></b> , Kota Rajasthan – <b>91%</b>	<b>(2019)</b>
<b>Class 10<sup>th</sup></b> , Sultanpur, UP – <b>88.6%</b>	<b>(2018)</b>

## EXPERIENCE

### Developer Summer Intern

May – July 2023

Salesforce | SmartInternz

- Spearheaded the seamless integration and efficient automation of records through robust business logic implementation.
- Demonstrated expertise in employing cutting-edge techniques, including **Flow development** , **Process Automation** and **APEX Testing and Debugging** to ensure optimal system performance.
- Proficient in developing and utilizing **Lightning Web Components (LWC)** and **APIs** to enhance user experience and system functionality.

### Network Security Engineer Intern

Jun – Aug 2022

AKS IT, Noida

- Led cyber threat analysis and **implemented firewall protection** using the **Haltdos** Enterprise Application Security & Delivery Platform.
- Employed various expert methodologies, such as **Penetration Testing**, **Nessus**, and **Metasploit**, to assess and enhance the security of targeted systems.
- Conducted comprehensive vulnerability analysis on networking devices within the WLAN perimeter, identifying potential weaknesses and devising robust mitigation strategies.

## PROJECTS

### Stock Market Prediction Analysis - Machine Learning

Feb – Apr 2023

- Implemented advanced **Training and Testing algorithms** on a diverse dataset comprising major stock associations.
- Skillfully utilized a range of techniques, including **Linear Regression**, **LSTM**, and leveraging the **Yahoo Finance platform**.
- Demonstrated outstanding performance, attaining an impressive **94% average accuracy** in comparing and evaluating the trained and tested datasets.

### Brain tumor detection – Transfer Learning

Jan – Feb 2023

- Implemented rigorous model training with a well-balanced **70-30 split** between the training and testing datasets, encompassing over **2000 MRI images** of both healthy and affected brains.
- Employed a comprehensive suite of cutting-edge libraries, including **Keras**, **Tensor Flow**, **Scikit Learn**, and image processing, in the creation of the model, effectively harnessing the power of Neural Networks.
- Demonstrated exceptional proficiency in performance evaluation, achieving a remarkable accuracy benchmark of **92%**.

### E – Commerce Website

Sept – Nov 2022

- Developed a fully functional **full-stack website** from scratch, utilizing a template as the foundation, and successfully deployed it on a local server using **XAMPP Server**.
- Proficiently crafted and executed **SQL queries on MySQL Database**, establishing seamless connectivity between clients and server-side operations through **PHP**.
- Leveraged **JavaScript** to implement additional functionalities, enhancing user experience and interactivity on the website.

## CERTIFICATES AND ACHIEVEMENTS

Certificates	Microsoft Azure • Cisco CCNA • Cisco Cybersecurity Essentials • IBM - Introduction to Artificial Intelligence (AI)
Achievements	Tata Crucible Campus Quiz 2023 - LEVEL 2 PRELIMS Qualifier • 30th Rank in Institute on GFG Practice Platform.
Recognitions	Awarded with google goodies by Google Cloud for the successful completion of google cloud program.