Mayank Wadhwa

B.Tech

Department of Computer and Communication Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	Score
2019 - 2023	B.Tech	Manipal University, Jaipur	8.1/10
2019	CBSE(XII)	Modern Vidya Niketan, Faridabad	90%

Experience

- **Analyst, Deloitte Touche Thomatsu India LLP** *(Sep 2023 - Ongoing)*
  - spearheaded the migration of Asia Pacific data from ECC to S/4HANA, including designing and developing tools for data cleansing and validation.
  - implementation of analytical tools and processes across the organization to optimize performance tracking and data analysis.
  - translated business requirements into technical specifications, enabling seamless development and execution of critical data migration processes.
  - managed and led the development and enhancement of a Reconciliation Tool, improving data accuracy and integrity across systems

- **Security Analyst, Matisoft Cybersecurity Labs** *(Jul 2023 - Aug 2023)*
  honed expertise in MongoDB's x509 certificate authentication while delving into live malware analysis, bolstering USB firewall security, and implementing a robust USB vault solution, advancing my proficiency in cybersecurity and database authentication mechanisms.

- **Cybersecurity Analyst, Ministry of Electronics and Information Technology (MeitY)** *(Jan 2023 - Jun 2023)*
  specialized in conducting Vulnerability Assessment and Penetration Testing (VAPT) testing on IoT devices under Data Security Council of India (DSCI), merging comprehensive cybersecurity assessments with hands-on IoT security evaluations, cultivating a nuanced skill set at the intersection of vulnerability assessment and IoT security protocol

- **Data Analytics Intern, Koyo Electronics India** *(Jul 2022 - Aug 2022)*
  immersed myself in data analytics, leveraging diverse tools and methodologies to extract actionable insights, refining my proficiency in transforming complex data into strategic solutions.

Projects

- **Sentiment Analysis of Twitter Data** *(Feb 2022 - May 2022)*
  applied advanced NLP models to discern and categorize sentiments, fostering valuable insights for informed decision-making through nuanced analysis of social media trends - Python, JavaScript

- **Predictive Sales Forecasting System** *(Oct 2021 - Nov 2021)*
  developed a machine learning model for sales forecasting, achieving 90% accuracy and reducing overstock by 15% with real-time dashboards - Python, AWS SageMaker, Tableau, PowerBI.

- **Blood Bank Management System** *(Mar 2021 - Apr 2021)*
  development of a browser-based system, proficiently integrating administrative functionalities and inventory management, optimizing data storage, retrieval, and analysis for streamlined operations within blood bank facilities - MySQL, Node.js, HTML, CSS, Bootstrap

- **IBM Data Analyst Capstone Project** *(Oct 2020 - Nov 2020)*
  collection of diverse data from multiple sources, conducting extensive exploratory data analysis and expert data wrangling techniques, fostering comprehensive insights essential for informed decision-making and strategic planning

- **iOS Music Player** *(Nov 2019 - Dec 2019)*
  implemented a versatile music playback system leveraging Apple Music playlists, seamlessly integrating various genres to cater to diverse preferences, offering an immersive and dynamic musical experience for varied audiences - XCode, Swift

Technical Skills

- **Programming Languages:** C#, Python, Java, SQL
- **Software and Libraries:** TensorFlow, PowerBI, Tableau, AWS, MongoDB, Kali Linux, SAC, SAP HANA, Apache Spark

Extra-Curricular Activities

- **NGO Yatan -** collaborated closely to devise and execute a fundraising initiative to provide meals for the disabled community amidst the challenges posed by the COVID-19 pandemic.
- **Sports -** actively compete in cricket, badminton, and pickleball, blending athletic skill with strategic insight across diverse sports.
- **Animation -** craft unique, imaginative animations, blending creativity with technical skill to bring visionary projects to life.
- **Photography -** passionate photographer with a flair for capturing compelling and creative images.