**Arkam Sunesara**

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**EDUCATION**

**Shah & Anchor Kutchhi Engineering College** | *BTech Information Technology Mumbai, Maharashtra* | **2022-2026 Present**

**Hansraj Morarji Public School & Junior College** | *12th Science* *Mumbai, Maharashtra* | **2021-2022**

**PROJECT**

**Fashion E-Commerce Website** | *HTML, CSS, JavaScript, Bootstrap, XAMPP, MySQL*

* In my semester 5 project for my Engineering Information Technology program, I designed and developed a comprehensive fashion e-commerce website. The goal was to create an engaging and user-friendly platform that allows users to browse and purchase fashion items online.
* Frontend:  
  HTML: Structured the content and layout of the website.  
  CSS: Styled the website for a visually appealing design, ensuring a modern and responsive look.  
  JavaScript: Implemented interactive features, enhancing user experience (e.g., dynamic product filtering and image sliders).  
  Bootstrap: Utilized this framework to ensure the website is mobile-responsive and optimized for various devices.
* Backend:  
  XAMPP: Used this local server environment to manage the database and server-side operations, facilitating easy development and testing.  
  MySQL: Designed the database to store user information, product details, and order history, ensuring data integrity and security.

**Mock Test and Examination Management System** | *Java, SQL, Python, Django*

* Developed a Mock Test and Examination Management System as a part of my second-year engineering coursework, with implementations in two consecutive semesters.
* Semester 3 (Java & SQL): Created the system using Java for the frontend and SQL for the backend database. Implemented features for test creation, user management, and results tracking, focusing on robust database interactions and user interface functionality.
* Semester 4 (Python & Django): Rebuilt the system using Python and the Django framework, improving upon the previous version with a more modern tech stack. Enhanced functionality included real-time feedback, advanced data analysis, and an intuitive user interface.

**Wireless power transmission**

* Developed a wireless power transmission system as part of a first-year engineering project in the Information Technology department. The project focused on designing and implementing a system capable of transmitting electrical energy without physical connections, using resonant inductive coupling.
* Designing the transmitter and receiver circuits to efficiently transfer power.  
  Conducting performance tests to evaluate efficiency, range, and reliability.  
  Documenting the project with comprehensive reports and presentations.

**CERTIFICATIONS**

**Career Essentials in Data Analysis course from Microsoft and LinkedIn** | *Data Analysis, Data Visualization, Data Analytics*

* Data Analysis: I learned how to collect, clean, and analyze data using industry-standard tools and techniques. This involved hands-on practice with data manipulation and statistical analysis to uncover valuable insights.
* Data Visualization: I explored the principles of effective data visualization, mastering tools like Power BI and Excel to create compelling visual representations of data. This skill helps in communicating complex information clearly and effectively.
* Data Analytics: I gained a deeper understanding of analytical frameworks and methodologies, including descriptive, predictive, and prescriptive analytics.

**Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage**

* Completed a simulation involving creating data visualizations for Tata Consultancy Services
* Prepared questions for a meeting with client senior leadership
* Created visuals for data analysis to help executives with effective decision making

**PwC Switzerland Power BI Job Simulation on Forage**

* Completed a job simulation where I strengthened my Power BI skills to better understand clients and their data visualisation needs.
* Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
* Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
* Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

**Programming Essentials in Python provided by Cisco Networking Academy in collaboration with OpenEDG Python Institute**

* knows the universal concepts of computer programming, including variables, data structures, algorithms, control flow, functions, and exceptions;
* can proficiently use the developer tools, the runtime environment, and the syntax and semantics of the Python language;
* can use fundamental programming techniques, best practices, customs, and vocabulary, including the most common standard library functions in Python 3;
* can write Python programs using standard language infrastructure, and knows the means by which to resolve typical implementation problems;
* knows how to work with modules and packages, process text and binary files, and use generators, iterators, and closures;
* understands the fundamentals of object-oriented programming (OOP) and the way they are adopted in Python.

**Technical Skills**

* Data Analysis
* Data Visualization
* Data Analytics
* Microsoft Excel
* Python
* SQL
* Data Structure
* Microsoft Office
* Microsoft PowerPoint
* Microsoft Word
* HTML & CSS Basics
* Data Cleanup
* Data Interpretation
* Power BI Dashboard
* Defining KPIs

**Language Known**

* English
* Hindi
* Gujarati
* Urdu