

# Archita Sinha

Delhi, India

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## EDUCATION

Vivekananda Institute of Professional Studies,  
(Guru Gobind Singh Indraprastha University)

Bachelor of Technology (Computer Science Engineering): CGPA: 7.89

Delhi, India

2022 - 2026

## SKILLS

- **Programming & Scripting:** Python, JavaScript, SQL, C++, Data Structures & Algorithms
- **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, React.js, Node.js, Express.js
- **Data Tools & Platforms:** Power BI, Microsoft Excel, MongoDB, SQL, Jupyter Notebook
- **Web Development:** MERN Stack, RESTful APIs, CRUD Operations, Responsive Design
- **Data Analytics & Visualization:** Data Cleaning and Transformation, Exploratory Data Analysis, Reporting, Statistical Analysis
- **Machine Learning:** Supervised Learning (Linear Regression, Decision Trees), Model Evaluation (Train-Test Split, Confusion Matrix)
- **Version Control & Workflow:** Git, GitHub, VS Code, Postman
- **Soft Skills:** Analytical thinking, problem-solving, adaptability, time management, team collaboration, communication

## WORK EXPERIENCE

DATA ANALYST INTERN | Orangus India Pvt. Ltd | [LINK](#)

September 24- December 24

- Automated data pipelines and built Python scripts for process optimization and reporting tasks.
- Integrated machine learning predictions into Power BI dashboards using backend scripting and APIs.
- Formulated and optimized SQL queries for data extraction, anomaly detection, and fraud pattern recognition.
- Developed Excel-based analytics tools and dashboards with embedded logic for business reporting.

## PROJECTS

Full Stack Doctor Appointment Website | [LINK](#)

April 2025

- Programmed and deployed a Doctor Appointment Booking Web Application using React.js, Node.js, Express.js, and MongoDB.
- Enhanced user authentication and authorization with JWT, ensuring secure user data management.
- Designed responsive UI with Bootstrap, improving user experience across different devices.
- Streamlined real-time appointment management and notifications, enhancing operational efficiency for both users and doctors.

Electricity Demand Prediction | [LINK](#)

December 2024

- Engineered features using real-world data to improve forecast accuracy by 15%.
- Trained machine learning models to predict electricity demand based on weather and socio-economic factors.
- Constructed a real-time prediction system for enhanced load management.
- Connected weather APIs to dynamically adjust predictions based on environmental changes.

Telecom Churn Analysis and Prediction| [LINK](#)

January 2025

- Developed a customer churn analysis model using SQL queries and machine learning algorithms, achieving 92% accuracy.
- Predicted customer churn with high precision, enabling retention strategies.
- Reduced churn by 8% through actionable insights from the model.
- Created Power BI dashboards for real-time customer retention insights and performance tracking.

Personal Portfolio Website| [LINK](#)

- Built a personal portfolio website using React.js and MERN Stack to showcase my projects, skills, and professional background.
- Incorporated EmailJS for a seamless contact form, allowing visitors to send emails directly from the website.
- Used React Router for smooth navigation between different sections within the single-page application (SPA).
- Optimized website performance through code splitting and lazy loading for faster page load times.

## CERTIFICATES

Become a Full Stack Web Developer (LinkedIn Learning) | [CERTIFICATE](#)

April 2025

- Acquired expertise in REST APIs, SQL, NoSQL, Git, and DevOps practices for efficient web development and deployment.
- Obtained hands-on experience with Node.js, Express.js, React.js, and building full-stack applications from scratch.

Data Analytics (Techstack Academy | Saket, Delhi, India) | [CERTIFICATE](#)

June 2024 – September 2024

- Mastered Python, SQL, Power BI, and Excel for comprehensive data analysis and visualization.
- Utilized real-world datasets to create actionable insights, reports, and visualizations for decision-making.

SQL Essential Training (LinkedIn Learning) | [CERTIFICATE](#)

April 2025

- Completed SQL Essential Training, focusing on database querying, data manipulation, and optimization techniques.
- Secured proficiency in writing complex SQL queries, including joins, subqueries, and aggregations.