

Anant Singh

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EDUCATION

Bal Bharati Public School, Noida

Class 10th (CBSE): 90.2%
Class 12th (CBSE): 86.6%

May 2020 - Aug 2022

VIT Bhopal University, Bhopal

B.Tech in Computer Science and Engineering (CGPA: 8.15)

Oct 2022 - Aug 2026

EXPERIENCE

EY (Ernst & Young) Services Pvt. Ltd.

Nov 2024 - Feb 2025

SharePoint Developer

- **Designed, developed, and customized 10+ SharePoint webpages** to meet evolving organizational requirements, significantly improving internal collaboration and overall user experience.
- **Engineered over 15 responsive web parts** leveraging HTML, CSS, JavaScript, JSON, and AJAX to create a more interactive and intuitive SharePoint experience with enhanced performance and user navigation.
- **Completed professional certifications**, including AI for Business Leader, AI for Everyone, Introduction to AI, and Mastering Microsoft 365 SharePoint Online, strengthening expertise in AI and SharePoint.
- **Leveraged Power Apps and Power Automate** to build automated workflows, reducing manual effort and improving team productivity.
- **Built industry-specific expertise in SharePoint** development and automation; collaborated cross-functionally to gain insights into enterprise software and improve delivery.

PROJECTS

- **Stock Market Prediction Using Machine Learning**
 - Validated machine learning models on NIFTY50 historical data obtained from Kaggle, accurately predicting stock market trends with an average RMSE of 19.56 and an average MAE of 12.37.
 - Conducted Exploratory Data Analysis (EDA) and engineered key features for predictive modelling, including 5-day and 10-day Moving Average, Daily Returns, and Volatility, to enhance model predictive power.
 - Conducted a comprehensive comparative analysis of machine learning algorithms, including Linear Regression, Long Short Term Memory (LSTM), and Stacking, demonstrating that Linear Regression achieved the lowest RMSE of 9.07 and MAPE (Mean Absolute Percentage Error) of 0.60%, and R² score of 0.99.
- **Doctors Aid**
 - Developed a user-friendly interface using React.js within the Django framework to ensure scalability, security, and seamless user experience, which is expected to reduce hospital management time.
 - Implemented advanced predictive analytics on heart diseases with Scikit-learn and TensorFlow to generate ML-driven insights with up to 85% accuracy for improved healthcare decision-making.
 - Architected and implemented a relational database schema, normalized to BCNF (Boyce-Codd Normal Form) to guarantee data integrity, eliminate redundancy, and optimize data consistency across the system.
 - Enhanced patient and appointment management by automating key administrative tasks, leading to streamlined data processing, enabling staff to focus on critical patient care rather than manual data entry.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, HTML, CSS, JavaScript
- **AI & ML:** Pandas, Scikit-learn, TensorFlow, Natural Language Processing (NLP) using NLTK & spaCy
- **Business Intelligence & Data Analysis:** Excel, PowerBI, Tableau, Matplotlib, Seaborn
- **Developer Tools & Platforms:** Git, Jupyter Notebook, SharePoint, PowerApps

ADDITIONAL

Languages: Fluent in English and Hindi.

Achievements: Currently participating in i-PACT 2025; received IEEE copyright transfer confirmation for the paper "Ensemble Learning Approaches for Diabetes Prediction: A Performance Analysis".

Certifications:

- Deloitte - Data Analytics Job Simulation
- TCS iON Career Edge - Young Professional
- Edunet Foundation - Building Modern Web Applications with MERN Stack
- IBM SkillsBuild - Artificial Intelligence Fundamentals