

Anant Singhal

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EDUCATION

Bal Bharati Public School, Noida

10th Standard (CBSE): 90.2% (Jul 2020)

12th Standard (CBSE): 86.6% (Aug 2022)

VIT Bhopal University

B.Tech

Cumulative GPA: 8.12/10

Bhopal, Madhya Pradesh

Expected May 2026

CSE Core

EXPERIENCE

Ernst & Young Services Pvt. Ltd.

Nov'24 – Feb'25

SharePoint Developer

- **Designed, developed, and customized more than 10 SharePoint webpages** to meet evolving organizational requirements, which significantly improved internal collaboration and improving overall user experience.
- **Engineered over 15 responsive web parts** leveraging HTML, CSS, JavaScript, PHP, JSON, jQuery, and AJAX, resulting a more interactive and intuitive SharePoint experience with enhanced performance and user navigation.
- **Leveraged PowerApps and Power Automate** to build and integrate automated workflows, significantly streamlining business processes and enhancing team productivity by reducing manual effort by 25%.
- **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 technologies.
- **Cultivated industry-specific expertise and honed professional skills** in SharePoint development and automation, while actively networking with team members to gain practical insights into enterprise-level software solutions and foster collaboration within a real-world corporate environment.

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 4 key features for predictive modeling, 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.
- **Doctor's Aid**
 - Developed a user-friendly interface using React.js within the Django framework to ensure scalability, security, and seamless user experience, which reduced hospital management time by 30%.
 - 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, HTML, CSS, JavaScript
- **Machine Learning and Data Analysis:** Pandas, Scikit-learn, TensorFlow, Excel, PowerBI
- **Additional:** SQL, Git, Jupyter Notebook, SharePoint

ADDITIONAL

Languages: Fluent in English and Hindi.

Certifications & Training:

- [Deloitte - Data Analytics Job Simulation](#)
- [Harnessing the Power of Data with Power BI](#)
- [Extract, Transform and Load Data in Power BI](#)
- [TCS iON Career Edge - Young Professional](#)
- [Building Modern Web Applications with MERN Stack](#)