

# ADITYA RAVINDRA SINGH

## SOFTWARE DEVELOPER

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### EDUCATION

<b>Thakur college of Engineering and Technology</b>	<b>Mumbai, India</b>
Bachelor Degree in Artificial Engineering and Data Science (Mumbai University) <b>CGPA: 9.5%</b>	<b>2021 - 2023</b>
<b>Thakur Polytechnic</b>	<b>Mumbai, India</b>
Diploma in Computer Engineering with Distinction (MSBTE) <b>Percentage:84.91%</b>	<b>2018 – 2020</b>

### TECHNICAL SKILLS

**Programming Languages:** C, C++, Java, Python, PHP, R Programming Language, ASP.Net, UI/UX designer, WordPress Developer  
**Data Visualization Tools:** Power BI, Tableau, Jupyter Notebooks, MS Office (MS word, Advance Excel, PowerPoint)  
**Algorithms:** Linear Regression, Logistic Regression, Decision Trees, Random Forests, Support Vector Machines, k-means  
**Frameworks/Libraries:** Scikit-learn, Seaborn, Numpy, OpenCV, Matplotlib, TensorFlow, Keras  
**Analytical Skills:** Data Modeling, Data Cleaning, Data Wrangling, Exploratory Data Analysis (EDA), Statistical Data analysis  
**Database:** MySQL, MongoDB, PostgreSQL, Oracle Database, Django.  
**Soft Skill:** Report Building, Strong Stakeholder Management, People Management, Excellent Communication Skill, Team Collaboration, Strong Problem-Solving Abilities, Interviewing.

### PROFESSIONAL EXPERIENCE [view](#)

**INS HAMLA (Indian Navy), Mumbai, India** **Dec 2023 - Present**  
**Software Developer and Designing | Technology Stack: HTML CSS, JavaScript, PHP, MySQL, ASP.Net, UI/UX Designer**

- **Designed, Developed, and Engineered** responsive and intuitive websites using **UI/UX principles** and **.NET**, while creating robust backend web applications with **MySQL and PHP** to ensure secure, scalable, and efficient data management, thereby enhancing user engagement and experience. Demonstrated **Ability to Design** and adhere to **Programming Principles**.
- **Architected and Implemented** a user-centric design for the **WTP SOFTWARE (Weekly Training Program)**, optimizing software application structure and **database design schemas** for scalability and performance. Exhibited **Algorithm Design** and **Maintainable Code** practices.
- **Developed and Managed** the **INS Examination System (IES)**, collaborating with frontend developers and designers to finalize APIs, ensuring seamless integration and functionality aligned with **UI/UX best practices**. Engaged in **Cross- Functional** teamwork and showcased **Problem-Solving** skills.
- **Led the Development** of the new **INS HAMLA website**, architecting the HAMLA admin panel to efficiently manage and dynamically display information, enhancing the official site's functionality and user experience. Demonstrated **Competence, Enthusiasm, and Motivation** throughout the project.

**Oasis Info byte, New Delhi, India (Intern) [view](#)** **Nov 2021 - Feb 2022**  
**Web Development and Designing | Technology Stack: Python, SQL, Django, UI/UX designer**

- Built a backend web application using **Python, Django**
- Working with frontend developers and designers to finalize the APIs required for Supporting the UI/UX.
- Creating a great end-to-end user experience by building efficient **API** and Scalable web application structure and DBdesign schema.

**Nibodh Summer Internship, Mumbai, India (Intern) [view](#)** **May 2019 – Jun 2019**  
**Web Development and Designing | Technology Stack: HTML CSS, JavaScript and Bootstrap**

- Learned the basics of Web Application Development using **HTML, CSS, JavaScript and Bootstrap**.
- Collected, defined and translated user requirements into project designs and implementation plans.
- Trained and supervised **6 team members** for ongoing projects. Conferred with management to prioritize needs, resolve conflicts and develop content criteria.

### PROJECTS [view](#)

**Amazon Prime Insights Dashboard with Power BI ||**

- **Interactive Dashboards:** Explored Amazon Prime data through dynamic and interactive visualizations.
- **User Engagement Analysis:** Analyzed metrics such as viewing duration, frequency, and device usage to understand user behaviour.
- **Content Popularity:** Identified trending movies, TV shows, and Amazon Prime originals.
- **Subscription Trends:** Monitored subscription growth, churn rates, and regional distribution of Prime users.
- **Revenue Analysis:** Visualized revenue trends, subscription fees, and customer spending patterns to gain financial insights.

**Sales Analysis with SQL and Power BI ||**

- Analyzed business requests and user stories to define the problem and solution.
- **Data Cleaning using T-SQL:** Differentiated FACT and Dimension tables, identified relevant tables and columns based on business requirements, and prepared and transformed data using SQL concepts.
- **Dashboard Creation in Power BI:** Loaded and organized data, connected tables, imported Fact\_Budget, created calculation measures, and designed an interactive dashboard with various visualizations.

### ACHIEVEMENTS [view](#)

- Certificate of Completion **Power BI Virtual Case Experience || Dec- 2023**
- Certificate of Completion of **Professional Course on Data Analytics || May-23**
- Microsoft Certified: **Azure AI fundamentals-AI-900 || April-2023**
- Certificate of Completion of **Fundamentals of Data Analytics || Dec-22**
- NASSCOM+ACCENTURE **Acquiring Data (Level-1-AI Fundamentals of AI ASCEND) | Nov-22**
- Microsoft Office Specialist: **ExcelAssociate-2019 || Oct-22**
- Certificate of Completion **Data Visualization: Empowering Business with Effective insights || Sept – 22**
- Certificate of Completion of **Python for Data Science, AI & Development || Aug-21**
- Certificate of Completion **Data Analytics Consulting Virtual Internship || June - 2020**
- Certificate of Completion **Basic of Java, Python and SQL and Advance certificate SQL in [Hacker Rank](#) || June – 2020**
- 5- stars in **SQL DATABASE MANAGEMENT SYSTEM, PYTHON, CPP, C language** and 2 - star solve 30 days' challenges in at [Hacker Rank](#).