

SATHYA R

Full Stack Python Developer

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About Me:

Highly motivated and detail-oriented full stack developer with a strong foundation in Python programming. Proficient in designing, developing, and deploying scalable and efficient web applications using cutting-edge technologies. Eager to leverage my skills in Python, Django, HTML/CSS, JavaScript, and databases.

Education:

Indian Institute of Management – Data Science and Artificial Intelligence

2024

CERTIFIED URL:

<https://www.credential.net/98e4f20c-b0e3-41ee-ac0b-a7db818a86e1>

Master of Engineering in Computer Science

2016

Anna University

Bachelor of Engineering in Computer Science

2014

Anna University

Skills:

- Programming Languages:** Python (Advanced), JavaScript (Proficient)
- Web Development:** Django (Expert), ReactJS (Advanced), HTML5/CSS3 (Advanced)
- Data Science & Machine Learning:** Machine Learning (Proficient), Deep Learning (Intermediate), Data Visualization (Expert)
- Databases:** PostgreSQL (Advanced), MySQL (Advanced)
- WebScraping:** BeautifulSoup(Proficient), Scrapy(Proficient)
- Tools & Technologies:** Docker (Proficient), Jupyter Notebooks (Advanced)
- Version Control:** Git (Proficient), GitHub (Proficient)

Professional Experience:

IT Developer at ExaSpice Media Pvt Ltd

2022

Junior Developer

2017 – 2020

- * As Junior Developer, Participate in agile development methodologies and version control systems.
- * Collaborated with cross-functional teams to design and implement data visualization solutions using Power BI.
- * Utilized coding skills in Python to automate data processing, data visualization, and reporting tasks.

Senior Developer

2020 – 2022

- * As a senior developer, develop expertise in specific technologies or domains.
- * Develop technical skills in programming languages using python.
- * Understand the process of risk analytics and select the best-performing algorithm using cross-validation techniques and appropriate evaluation metrics.

Certification:

IIM Certificate in Data Science and Artificial Intelligent

Jan 2025

Full Stack web developer and AI with Python

Jan 2025

React JS

Sep 2024

Google Digital Marketing

Sep 2024

Pinterest Marketing

Sep 2024

Projects:

* **Loan Eligibility Analysis (Data Science – Solo)**

Description: Developed a machine learning model to predict loan eligibility using logistic regression, decision trees, and ensemble methods. Handled data cleaning, feature selection, and model evaluation independently. Deployed with interactive visualization for user insights.



[View

https://colab.research.google.com/drive/1ZfgYaPmgV3pPDgp_MFEKCnQOHdbVYU5Ij

* **Django Project – Free Educational Portal with AI Chat Assistant (Solo Project)**


Description: I developed a sophisticated and user-friendly Django-based platform aimed at providing free educational resources across a wide array of academic domains. This platform caters to students, teachers, and self-learners by offering high-quality study materials, and personalized academic guidance. But what truly sets this project apart is its powerful integration with an LLM-powered chatbot, built using the state-of-the-art Gemini API model, providing real-time academic assistance to users at their fingertips.



[View the website here](<https://exaspicemedia.com/>)

* VFX Media Services Website (Web Development - team of 3)

Built a dynamic media website for VFX and 3D animation studios using ReactJS. It features an interactive showreel, asset showcase, and a blog. I collaborated on the frontend architecture and integrated REST APIs.

 [View the website here](https://exaspicemedia.com/)

* Power BI - Business Performance Analytics

A solution to provide holistic monitoring of the organization to gain meaningful insights into business that drive actionable results. A solution that connects directly to cloud CRM data sources serving up key business performance information using intuitive visualization.

Key Responsibilities:

Analyzing customer profitability through a comprehensive perspective, assessing the profitability of industry customer segments loan types and geography.
Leveraging historical data to provide insights allowing strategic decisions.
Setting strategic KPI targets
connection with CRM online data providing most recent view of the business.

Interest:



Design (Canva & Photoshop)



Photography & videography



Travel



Music



Violin

Professional Development:

- * Participated in Android Application Development workshop at **IIT Madras**.
- * Completed In-Plant training at **HCL and U.N.I.Q technologies**.
- * Paper entitled "**Effective Privacy Preserving method in Big Data Analytics for Healthcare Records**" published in IJETCSE. Presented paper on Big Data in engineering colleges (SKR , S.A and Easwari).
- * Participated workshop on **Cyber Crime investigation & Forensics** at **Data64** Techno Solutions, Vel Tech and Apollo Engineering college and IV at **BSNL**.