

Ayush Porwal

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PROFESSIONAL SUMMARY

Data Science and AI enthusiast with expertise in SQL, Excel, Python, Power BI, MySQL, PostgreSQL, JavaScript, ReactJs, Redux, NodeJs, MongoDB, and AngularJs. Skilled in analyzing data and building interactive dashboards to drive decision-making, currently pursuing a Data Analyst and AI certification at Newton School.

EDUCATION

Bachelor of Technology (Electronics and Communication Engineering) Mahakal Institute of Technology	2019 - 2023 Grade: 7.94/10.0
Intermediate (Class XII) SIGMA School of Excellence (CBSE)	2018 - 2019 Grade: 73.4%
Matriculation (Class X) Lady Anusuya Singhanian Educational Academy (CBSE)	2016 - 2017 Grade: 8.0/10.0

EXPERIENCE

Associate Full Stack Developer December 2024 - Present
Logictrix Infotech Pvt. Ltd. *Surat, Gujarat, India*

- Resolved website and application bugs in PostgreSQL, AngularJS, and Node.js, improving system performance and reducing load time by 30%.
- Integrated Instagram Meta API to display client Instagram reels on their website, boosting social media engagement by 25% through increased user interaction.
- Developed a Proof of Concept (PoC) for Instagram automation, enabling automatic replies to comments and messages, as well as sending carousels using the Instagram Meta API, reducing manual response time by 80%.
- Used Facebook Marketing API to create and manage ads for client Facebook pages, streamlining ad creation and increasing ad reach by 35%, while reducing campaign setup time by 50%.
- Optimized database queries and indexing, enhancing PostgreSQL efficiency and reducing query execution time by 40%, leading to a 20% faster response time for users.

Junior Full Stack Developer December 2023 - September 2024
Sagar Solution Pvt. Ltd. *Indore, Madhya Pradesh, India*

- Developed a secure web app with robust authentication and file management, reducing unauthorized access incidents by 60% and optimizing SQL queries to improve data retrieval speed by 40%.
- Built a record management system using the MERN stack, integrating Excel for data validation and reporting, reducing manual data entry errors by 50% and improving reporting efficiency by 35%.
- Created a scalable E-commerce platform using the MERN stack, optimizing backend and frontend to handle 10,000+ products, reducing page load time by 30%, and improving order processing speed by 25%.
- Integrated Razorpay payment gateway, enabling seamless and secure transactions, reducing payment failures by 40%, and improving checkout conversion rates by 20%.

Full Stack Developer Intern October 2023 - December 2023
HAMMOQ Inc. *Indore, Madhya Pradesh, India*

- Developed multiple Chrome extensions utilizing MERN stack technologies to optimize the product listing process, reducing listing time by 50% and improving workflow efficiency.
- Implemented automation methods and integrated diverse APIs, streamlining the listing workflow and reducing manual efforts by 60%, while increasing data accuracy by 40%.

PROJECTS

Social Media Analysis ([Github](#)) ([Demo](#)) January 2025

- Analyzed user engagement metrics, optimizing hashtags and content types to boost audience reach by 25% and engagement by 30%.
- Conducted statistical analysis on user activity trends, providing actionable insights that improved content retention by 35% and reduced churn rate by 20%.
- Developed dashboards and reports to track total likes, comments, and user interactions, enabling a 40% faster decision-making process for content optimization.
- Implemented data models to predict user engagement patterns, improving re-engagement strategies and increasing user return rates by 30%.

Skills: SQL, Data Analysis, Data Cleaning, Reporting, KPIs

IT Support Ticket Management System Analysis ([Github](#)) ([Demo](#)) October 2024

- Analyzed over 97,000 IT support tickets using SQL and Excel, focusing on agent performance, resolution times, and satisfaction rates.
- Developed interactive dashboards with pivot tables and time series charts to track ticket volume, resolution efficiency, and agent effectiveness.
- Identified trends in ticket categories and peak times, leading to a 25% reduction in average resolution time.
- Recommended targeted training for underperforming agents and automation of ticket management, increasing efficiency by 20% and customer satisfaction by 10%.

Skills: SQL, Excel, Dashboarding, Data Analysis, Performance Metrics, Reporting.

CERTIFICATIONS

Professional Certification in Data Science Newton School September 2024

- Currently pursuing a certification in Data Science, focusing on data analysis, machine learning, and statistical methods to extract actionable insights.

- Gained proficiency in Power BI, Python (basics), Excel, and SQL, applying data cleaning, visualization, and exploratory analysis techniques.

Data Science BootCamp - Data Analyst GeeksforGeeks ([Link](#))

August 2024

- **Certified in Data Science BootCamp**, with expertise in data analysis and real-world applications using Python. Currently learning **machine learning and data visualization**.
- **Gained proficiency in Python, SQL, and Excel**, applying statistical techniques for data-driven insights.

MongoDB Developer's Toolkit: CRUD Mastery with Node.js GeeksforGeeks ([Link](#))

August 2024

- Certified in "MongoDB Developer's Toolkit: CRUD Mastery with Node.js", gaining expertise in building and managing databases using MongoDB.
- Learned CRUD operations, indexing, and performance optimization to enhance database efficiency in Node.js applications.

SKILLS

Computer Language: HTML, JavaScript, Python, SQL, TypeScript

Soft Skill: Creativity, Critical Thinking, Decision-making, Teamwork

Databases & Data Tools: Excel, MongoDB, MySQL, Power BI, Spreadsheet

Cloud & DevOps: AWS

Domain & Business Skills: Analytics

Frameworks & Libraries: AngularJS, Express JS, Node.js, React, Redux