

Shivam Pandey *Data Engineer Amazon | Ex-Product Manager and Dev-ops Engineer Learniguru LLP*

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Professional Experience and Internships

- Eagle Software Company**, Internship Aug 2019 – Nov 2019
- GT-Xblaze (startup)**, Co-Founder and CTO 2020 – 2021
Started our own cycle D2C startup. I was responsible for company's web deployment, consumer service setup, social presence and marketing campaigns. Pointing out the target audience with gathered data.
- Cognizant Technology Solutions**, Programmer Analyst 2021 – 2022
As a Data analyst, responsible to identify and analyze data quality errors using SQL, and resolve as per requirement. Write SQL Scripts for automation process as per business requirement.
- Learniguru**, Technical officer Jul 2023 – Jan 2024
As a Technical officer my expertise extends to developing Cloud automation bots, Database administration, and managing their digital portfolio, ensuring a seamless transition into newer technologies.(CIN-U80902UP2022PTC157838)
- Learniguru**, Product Manager Oct 2023 – Feb 2024
Bridging between the technical Teams and Marketing team over the product.
Responsible for launching a Test series and a Test series database for the company.
- Amazon**, Data Engineer Trainee SPS - QC (US) - Amazon Apr 2024 – present | Remote
Under training.

Education

- South Asian University**, MSc in Computer Science 🔗 2021 – 2023 | New Delhi, India
Research thesis titled - "Leveraging rule based techniques for optimized generation of schedules".
Advisor - Prof. Pranab K. Muhuri
Curriculum encompassed in-depth studies on Data Mining, Machine Learning, and Fuzzy Sets.
- Advance Diploma in Computer Application** 2020 – 2021
- Integral University**, BSc.(Hons.) in Computer science 🔗 2016 – 2019 | Lucknow, India
Major in Computer Science. Minor in Mathematics and Physics. Written a journal on Artificial intelligence and AI in machines and devices.
- Kendriya Vidyalaya**, Intermediate 2016 | Lucknow, India
Completed my school education.

Academic and Open Source Projects

- Data Analysis Projects**
Done projects in Bio-informatic analysis and Cancer data analysis including the famous benchmark dataset for breast cancer analysis.
- GPT model**, built a GPT model based on a Gutenberg data 🔗
Done Extracting of textual data articles from the given file and performed text analysis to compute various Required variables for building a model that generates text based on the trained dataset .
- Leveraging Rule-driven techniques for the optimized generation of schedules**, Master Thesis
Presented a novel idea of Optimized Schedule Generation with focus on Data mining and it's application Utilizing ML & Evolutionary Approach.
- AI Chat Bot**, Under Graduation Final year Project
- Image segmentation and Brain Tumor Analysis**
Build Models on Image segmentation and Bio-informatics using the Tensorflow and PyTorch Frameworks
- Projects on Computer vision**
Vehicle detection and Vehicle number plate extraction.

Skills

- Good Programing knowledge of SQL, Python, MATLAB, C++ and Deep Learning frameworks. | Intermediate in HTML and CSS
- Applied knowledge of ML, Ai and Deep Learning. | Knowledge of Data Framework tableau, Databrick.

Additional Experience and Honors

- Indian Space Research Organization**, Certified In Geoinformatics and Crop Management
Completed a Educational Program by Indian Space Research Organization(ISRO) in the field of Global navigation satellite system for urban development and Remote sensing in Crop management
- Certification In Generative AI, Machine learning, Predictive analysis and Data Analysis.**
- UNICEF Awardee**
Was recognized and awarded by UNICEF for the Awareness Campaign During Covid through a social media handles named "covid Helpline"

Leadership and Initiatives

- Student's President**, Member Hostel committee SAU 2022 – 2023 | New Delhi, India
Achieved the honor of being elected as a member of the Hostel Committee at South Asian University, representing the Indian Students' community. Demonstrated leadership and commitment, leading to the elevation to the esteemed position of President of the Hostel Committee.
- Indian epidemic helpline**, Principle Founder 🔗 Apr 2021 | Lucknow, India
Initiated a pandemic and emergency-focused social media page, providing verified medical information. Personally assisted over 500+ individuals and expanded its outreach to 10 additional cities.