DIVYANSHI PANCHAL

J U N I O R   S O F T W A R E   E N G I N E E R

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PROFILE

Motivated and detail-oriented B.Tech Computer Science student specialising in AI and Data Science. Extensive experience in data engineering, backend design, and machine learning with a strong focus on AI-driven projects. Proficient in Python, Plotly, and IBM Cloud, with internships in AI analytics and data engineering. Skilled in developing AI-powered dashboards, training ML models, and streamlining data pipelines to solve complex problems. Excited to contribute to innovative and impactful projects in a dynamic organization.

EXPERIENCE

Data Engineering Intern
Stork Rubber Pvt Ltd | July 2024 – August 2024
- Managed 5+ years of manufacturing data, creating data pipelines and dashboards using Python, Plotly, and Matplotlib and optimized queries, improving data report generation speed by 25%

Data Science Trainee
Decrypton Pvt Ltd | 2023
- Developed an AI-driven web analytics dashboard using Google Analytics and OpenAI API.
- Built and deployed the solution using Dash, enabling real-time insights for website owners.

Junior Software Engineer
Comini Learning | 2025 - Present
- Develop and maintain backend systems for **FastGraphs**, a financial analytics platform used by investors.
- Implement REST APIs, database optimisations, and secure authentication mechanisms to support scalable and high-performance data delivery.
- Collaborate with frontend developers to ensure seamless integration between backend services and UI.

PROJECTS

AI Web Analytics Dashboard | August 2023
Built an AI-driven web analytics dashboard using Google Analytics, OpenAI API, and Dash, providing predictive insights to enhance site performance.

AI-Driven Legal Document Reviewer | Oct 2024 – Present
Developed a legal tech tool with 95% accuracy in clause extraction and compliance checks. Built a React UI and Node.js backend, reducing review time by 70%.

Voice-Enabled AI Assistant | Sept 2024 – Present
Created a Python-based voice assistant with <5s response time, integrating local LLMs for 60% cost reduction and 95% wake-word detection accuracy.

Cloud Application Development | May 2023
Developed 5+ cloud apps using IBM Cloud, integrating Watson services (Speech-to-Text, Language Translator).

LANGUAGES

Hindi - Native
English - Proficient
German - Intermediate

EDUCATION

B.Tech Computer Science (AI and Data Science)
SRM University, Haryana (2021-2025)
CGPA: 9.03
Class XII - Delhi Public School, Sector-45
CBSE
Percentage: 84% (2021)
Class X - Delhi Public School
CBSE
Percentage: 92% (2019)

TECHNICAL SKILLS

- Languages: Python, C, C++, JavaScript,
- TypeScript, R
- Libraries & Tools: Plotly, Matplotlib, Dash,
- IBM Cloud, TensorFlow, Pyttsx3, gTTS,
- OpenCV, LM Studio
- Frameworks: TensorFlow, React.js, Node.js,
- Express.js, Django, Machine Learning with
- Python/R
- Cloud Technologies: IBM Cloud (Watson
- Assistant, Cloudfoundry)
- Databases: MongoDB, MySQL
- Game Development: Unreal Engine, Unity
- Data Handling: Data Visualization, Data
- Analysis, AI-powered Analytics
- NLP & LegalTech: SpaCy, Transformers,
- REST APIs, Legal-BERT, Large Language
- Models (LLMs)

CERTIFICATIONS

- Artificial Intelligence Analyst (IBM) - 2024
- Analytics Dashboard using Python and Plotly (IBM) - 2024
- Machine Learning with R (IBM) - 2024
- Introduction to Python (IBM) - 2023
- C++ Data Structures & Algorithms + LEETCODE Exercises (Udemy) - 2024
- Cloud Application Developer (IBM) - 2023
- Introduction to Scripting in Python (Rice University, Coursera) - 2023

HOBBIES

- Learning different languages
- Watching European Football