

# Parveen Kumar

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## SUMMARY

Data Engineer Trainee / Software Engineer Intern with strong problem-solving skills and a solid foundation in Data Structures & Algorithms (DSA), Python, SQL, and Apache Spark. Experienced in building scalable data pipelines, backend systems using Django, and applied machine learning solutions.

## EDUCATION

### Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT)

Bachelor of Technology (B.Tech) in Computer Science & Engineering, CGPA: 9.76

Jaipur, Rajasthan

Aug 2023 – Jun 2027

### Prince Academy of Higher Education

Higher Secondary (PCM), Percentage: 97%

Sikar, Rajasthan

Apr 2021 – May 2022

## TECHNICAL SKILLS

- Languages:** C, C++, Python, SQL (PostgreSQL, MySQL)
- Big Data & Data Engineering:** Apache Spark, Databricks, ETL Pipelines, Data Processing
- Frameworks/Libraries:** Django, Apache Spark, scikit-learn, Pandas, NumPy, Matplotlib
- Developer Tools:** Git, GitHub, VS Code, PyCharm
- Core Concepts:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP), Data Cleaning, SOLID Principles

## WORK EXPERIENCE

### Data Engineer Trainee

Jun 2025 – Aug 2025

Coplur, Jaipur

- Processed 10M+ records using Databricks and Apache Spark for faster data handling
- Automated data cleaning workflows and created 20+ advanced visualizations with Seaborn and Matplotlib, enabling data-driven stakeholder decisions

### Web Development Intern

Jul 2024 – Aug 2024

KISTTechnosoftware, Jaipur

- Built 6+ responsive web pages using Bootstrap, improving cross-browser support and boosting mobile engagement by 20%
- Implemented backend for user login and car booking forms, ensuring secure authentication and data handling.
- Enhanced UI/UX while managing full-stack development, delivering a smooth user experience

## PROJECTS

- DDR Document Management System** – Python, Django, SQL Server GitHub  
Architected a Django-based document portal with RBAC and SQL Server indexing, eliminating unauthorized access and improving query response times by 40%. Integrated automated versioning to save 5+ hours weekly in manual administrative overhead
- Student Marks Prediction** – Python, scikit-learn, Train-test split, accuracy metrics. GitHub  
Developed a machine learning model using scikit-learn and regression algorithms, Achieved 98% accuracy by reducing model overfitting through rigorous train-test splitting and Hyperparameter tuning
- Car Dealership Website** – PHP, MySQL, HTML5, CSS, Bootstrap. GitHub  
Created a full-stack car dealership platform with features for browsing, booking, and user account management
- Auto GitHub Push Tool** – Python, Git, Task Scheduler GitHub  
Built a Python automation workflow using Task Scheduler to eliminate 100% of manual commit effort

## ACHIEVEMENTS

- Solved 650+ problems on LeetCode, Codeforces, and GFG
- Completed a 160-day intensive DSA program by GeeksforGeeks
- Finalist at Smart India Hackathon (SIH) with experience across 5+ national-level hackathons, showcasing strong problem-solving and teamwork skills
- Secured 1st position in 3rd semester (AI branch) and earned a 10.0 CGPA in 1st semester

## COURSES & CERTIFICATIONS

- Data Structures & Algorithms (C++)**(2024-2025) – Take U Forward, focus on competitive programming, completed over 90% of the course
- Data Analytics & Machine Learning**(2025) – Udemy (Krish Naik) – Gained hands-on experience with Python and ML libraries, accomplishing over 80% of the course
- NLP Workshop & Data Analytics Workshop**
- Infosys Springboard Micro-credentials** –Gained knowledge in Active Listening, Business English, and 5+ additional professional skills