

# AMAN KUMAR

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## Career Objective

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Aspiring Backend Developer with strong foundations in Java, Spring Boot, Python, and data-driven project development. Passionate about building scalable applications and learning new technologies in backend development and data science.

## Education

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### Lovely Professional University

*Bachelor of Science in Computer Science (CGPA: 8.12)*

**Aug 2022 – Aug 2026**

*Phagwara, Punjab*

### Pitts Modern School

*Intermediate (12th Grade), CBSE – 87.6%*

**Mar 2020 – May 2022**

*Bokaro, Jharkhand*

### Pitts Modern School

*Matriculation (10th Grade), CBSE – 83.4%*

**Mar 2019 – Mar 2020**

*Bokaro, Jharkhand*

## Experience

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### Geek For Geeks

**May 2024 – August 2024**

*Data Science and ML*

- Completed a Data Science and Machine Learning course, gaining proficiency in Python, R, SQL, and libraries like NumPy, pandas, Scikit-learn, Matplotlib, and Seaborn.
- Implemented machine learning projects, including sentiment analysis and recommendation systems, with a focus on data preprocessing, feature engineering, and model evaluation.

## Projects

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### Virtual Assistant Soni | *Python*

**January 2023**

- Developed a voice-activated assistant using Speech Recognition and pyttsx3 for speaking
- Integrated Wikipedia API, music playback, application launch, and email features.
- GitHub: Soni Assistant
- LinkedIn: Soni Assistant

### Legal Services Marketplace – LegalBridge | *Android, Spring Boot, Firebase*

**April 2025**

- Created an Android app linking users to legal professionals, with Firebase Authentication.
- Developed secure APIs in Spring Boot for appointments, services, and profile management.
- GitHub: Legal-Bridge
- GitHub: Legal-Bridge Backend

### Supervised Learning project and implementation | *Python*

**September 2024**

- Implemented regression (Linear, Polynomial, SVR, Decision Tree) and classification
- GitHub: ML

### Contact Sphere – Contact Management App | *Spring Boot*

**December 2024**

- Built a RESTful Spring Boot app using MVC architecture for contact management.
- Features: Authentication, password recovery, dynamic UI via Thymeleaf, email notifications.
- GitHub: Contact Sphere
- LinkedIn: Contact Sphere

### Bookstore Management System | *Java, Spring Boot, MySQL, JWT, RESTful APIs*

**Mar 2025**

- Developed a bookstore management system with features like adding, editing, and deleting books.
- Implemented user authentication using JWT, along with book catalog management and order processing.
- GitHub: Bookstore

### **Inventory Management System Project | *Python, JSON***

**May 2024**

- Designed Inventory Management System for inventory operations and optimized data storage using JSON.
- GitHub: Inventory Management System

### **Data Analysis and Visualization Projects | *Python***

**June 2024**

- Conducted data analysis and visualization on Black Friday sales and global sugarcane production, focusing on data cleaning, EDA, and insights using Pandas and Seaborn.
- GitHub: Black Friday
- GitHub: Sugarcane

### **Web Scraping Projects: Extraction, Analysis, and Data Handling | *Python***

**June 2024**

- Scraped books, quotes, YouTube, and Wikipedia data; processed and stored using CSV.
- GitHub: Web Scraping

### **Technical Skills**

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**Languages:** Python, Java, C, R, C++, SQL ,JavaScript

**Developer Tools:** VS Code, PowerBI, Tableau, Android Studio, GitHub

**Technologies/Frameworks:** Spring Boot, Scikit-learn

### **Leadership & Extracurricular**

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#### **Community Development through Environmental Initiatives**

**Sept 2023 – Oct 2023**

- Volunteered with an NGO to organize tree planting drives and promote environmental awareness.
- Led community education on cleanliness and sustainability, and coordinated clean-up events with local stakeholders.
- Engaged in fundraising for conservation projects, demonstrated leadership and teamwork, and participated in related workshops and seminars.