

# CHIRAG SEHGAL

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## PROFILE / OVERVIEW

Engineering graduate (Computer Science) with hands-on experience in AI engineering, automation, and full-stack development. Strong foundation in software development, object-oriented programming and system design, with practical exposure to AI-driven workflows, REST APIs, and business automation.



## TECHNICAL SKILLS

**Languages & Core CS:** Python, JavaScript, C++, Object-Oriented Programming, SDLC

**Frontend:** React.js, HTML, CSS, Fetch API, Bootstrap, Tailwind

**Backend:** Django, REST APIs, FastAPI, JSON, Unit Testing, Microservices

**Databases:** MySQL, MongoDB, Airtable, Google Sheets

**Automation, E-commerce:** n8n, Zapier, Webhooks, OCR (Mistral.ai), Shopify

**Machine Learning:** Supervised & Unsupervised Learning, Feature Engineering, Fine-tuning, Model Evaluation

**Data Science & Visualization:** Pandas, NumPy, Matplotlib, Data Wrangling, Statistical Analysis

**SEO Skills:** On-Page, Off-Page & Technical SEO, Keyword Research (Semrush & Google Keyword Planner), Funnel Strategy Content, Google Lighthouse, Google Search Console, SEO Audits

**Dev & Tools:** Git, GitHub, JWT Authentication, Postman, VS Code, Jupyter Notebook

**Collaboration & Project Management:** Agile, Scrum, Slack, MS Teams

**Behavioral Skills:** Problem-solving, Analytical Thinking, Clear Communication, Team Collaboration

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**

ACEAR, Kurukshetra University

CGPA: **8.4**

2022-2026

**Senior Secondary Education (HBSE)**

Percentage: **89%**

May 2022

**Secondary Education (HBSE)**

Percentage: **90.2%**

May 2020

## WORK / INTERNSHIP EXPERIENCE

**Altum X | AI Engineer Intern | Slovakia, Europe | August 2025 – March 2026**

- Built AI-driven automation workflows using **LLMs, OpenAI, n8n and Zapier** to analyze and optimize website content and performance.
- Applied **machine learning models and data-driven strategies** for keyword research, content funnels, and site structure optimization.
- Supported unit testing, documentation and performance analysis, improving operational efficiency and automation reliability.

## PROJECTS

**AI-Powered Smart Shopify Automation Suite**

*Tech:* n8n, Gemini AI Agent, Shopify, Airtable, REST APIs, WhatsApp API, Telegram API

- Built an **AI-driven Shopify automation platform** with a **Telegram bot** for product, inventory, and order management via natural-language commands, reducing manual operations by **80%**.
- Automated **AI-generated product blogs** with approval-based publishing to Shopify and **real-time customer notifications** for payment, dispatch, and fulfillment across **100% of orders**.
- Implemented **daily sales reports, WhatsApp low-inventory alerts**, and a supplier order-management workflow, improving inventory visibility and fulfillment speed by **3x**.

**SwapHour – Skill Sharing Platform**

*Tech:* React.js, Django REST Framework, MySQL, JWT

- Built a full-stack **skill-exchange platform** where users can **exchange skill using hours as currency**.
- Developed optimized **REST APIs** for skills, offers, requests, and transactions, cutting response times by **30%**.
- Implemented **JWT authentication** with role-based access, reducing unauthorized access attempts by **90%**.

## CERTIFICATIONS

- Supervised ML: Regression & Classification
- OCI AI Foundation
- SQL Database
- Internet of Things

**Stanford University**  
**Oracle**  
**HackerRank**  
**IIT, Kharagpur**