

# Sanchay Kumar

linkedin.com/in/sanchay-k-1b199523b  
github.com/SanchayKumar23

Email: samchaykumar@gmail.com  
Mobile: +91-8870073938  
PORTFOLIO

## PROFESSIONAL SUMMARY

- Versatile **Web Developer and Data Analyst** skilled in **Python, Django, SQL, JavaScript, Power BI, and Excel**. Experienced in building responsive web applications and developing data-driven dashboards that enhance business decision-making. Strong in **data analysis, visualization, and backend development**, with a focus on delivering efficient, scalable, and user-friendly solutions. Passionate about combining programming and analytics to solve real-world problems and drive digital innovation.

## EDUCATION

- **B.E. in Computer Science and Engineering** Salem, India  
*Knowledge Institute of Technology, CGPA: 7.5* 2021 – 2025
- **HSC** Salem, India  
*Sri Gayathri Higher Secondary School, Percentage: 78%* 2020 – 2021

## INTERNSHIP EXPERIENCE

- **Python Programming Intern – Cisco Networking Academy** Virtual (2023)  
Completed hands-on modules in **Python, data structures, OOP, and object-oriented programming**.
- **Web Development Intern – Virtua Solutions** Virtual (2024)  
Developed responsive websites and web apps using **HTML, CSS, Bootstrap, JavaScript, and Django**.

## TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, SQL, HTML, CSS
- **Libraries & Frameworks:** Pandas, NumPy, Django, Bootstrap
- **Databases:** MySQL
- **Tools & Version Control:** Git, GitHub, VS Code, Jupyter Notebook
- **Other Skills:** CRUD Operations, Data Extraction, Data Cleaning, Excel, Power BI

## PROJECTS

- **Movie Ticket Booking System:**
  - Built a full-stack web application using **HTML, CSS, Django, Bootstrap, JavaScript**.
  - Implemented user authentication, seat selection, payment gateway integration, and admin dashboard.
  - Optimized performance, reducing response time and improving user experience.
- **Farm Intelligence for Sustainable Agriculture:**
  - Developed an IoT-based ML system integrating crop, weather, and soil data.
  - Delivered real-time recommendations for fertilizer and crop management.
  - Promoted sustainable farming practices and improved yields.
- **Data Analytics Dashboard:**
  - Created a **Power BI and Python**-based interactive dashboard to visualize sales and performance metrics.
  - Utilized **Pandas, NumPy, and Excel** for data cleaning and analysis.
  - Improved business insights through interactive visual reports and SQL-based data integration.

## CERTIFICATIONS

- Python Full Stack with Data Analytics – PySpiders (In Progress)
- Python Full Stack Development – Refinement Software Solutions (2024)
- AWS Academy Cloud Foundations (Basics) – AWS (2023)
- App Development (Basics) – KarmaDev.in (2023)