

# SUSHIL KUMAR

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## Education

### Uttar Pradesh Technical University Lucknow

*Bachelor of Technology in Computer Science*

**Aug. 2018 – Jul 2022**

*Jyotiba Phule Nagar, Uttar Pradesh*

## Relevant Coursework

- Data Structures
- Python Programming
- Algorithms Analysis
- Database Management
- Object-Oriented Programming
- Internet Technology
- Systems Programming
- APIs and Web Services
- ITSM, OpManager, Zabbix and Kaseya Tools

## Experience

### Team Computers Private Limited

**Dec 2022 – Present**

*Junior Python Developer*

*New Delhi, Delhi*

- Developing and maintaining backend components using Python, ensuring code quality and readability
- Identifying and fixing bugs or issues in code, testing applications, and collaborating with team members to resolve problems.
- Writing SQL queries and interacting with databases such as MySQL, PostgreSQL, or NoSQL databases .
- Explored ways to visualize and send a daily report of test results to team members using HTML and CSS.

### V and V Comptech Systems Private Limited

**May 2021 – August 2021**

*Software Developer Intern*

*Navi Mumbai, Maharashtra*

- Write, test, and debug Python code for various software applications. Work on smaller tasks or components under the supervision of senior developers. .
- Gain hands-on experience with Python frameworks and libraries (e.g., Django, Flask, Pandas). Understand and implement best practices in Python development. .
- Take advantage of training opportunities and resources provided by the company.
- Seek feedback and continuously improve coding skills and software development knowledge.

## Projects

### Web Application for Task Management | Python, Django, HTML, CSS, SQLite

**January 2023**

- Developed a web application using Django for task management, allowing users to create, edit, and track tasks.
- User authentication, task creation, and real-time notifications.
- Added functionality to search and filter tasks based on various criteria (e.g., priority, deadline).
- Enabled users to create, edit, and delete tasks, set deadlines, and mark tasks as completed

### Bank Account Simulation | Python, SQLite

**November 2021**

- Developed a Python-based simulation to model basic banking operations, allowing users to perform transactions such as deposits, withdrawals, and balance inquiries .
- The application simulates the behavior of a bank account system with a focus on simplicity and usability.
- Created a system to manage multiple bank accounts, including functionalities to create, view, and delete accounts.

## Technical Skills

**Languages:** Python, HTML, CSS, SQL, Oracle

**Developer Tools:** VS Code, Tableau, Jupyter Notebook, OpManager, Manage Engine Service desk plus and OnCloud, Symphony Summit AI

**Technologies/Frameworks:** Windows, Django, RESTful APIs, JSON

**Other Skills:** API Testing, SQL Query Optimization, Unit Test

## Leadership / Extracurricular

### Online Course Certification

**July 2021 – Sep 2021**

*Introduction to industry 4.0 and industrial Internet of things*

*IIT Kharagpur*

- Completed an online course focused on the principles and applications of the Internet of Things (IoT), covering topics such as sensor networks, data analytics, and IoT system design.

### Asset Management

**Dec 2023 – Jan 2024**

*Asset Management Certification*

*Symphony Summit AI*

- Maintain an up-to-date inventory of all IT assets, including hardware, software, and network devices. Perform automated asset discovery to identify and catalog assets on the network. .
- Regularly audit assets to ensure accuracy and compliance. Monitor asset usage, maintenance schedules, and upgrades.