

# UDDHAV MAPUSKAR

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https://github.com

## Technical Skills

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**Languages:** Python, Java, SQL

**Developer Tools:** VS Code, Eclipse

**Technologies/Frameworks/OS:** Linux, Unix, Windows

## Experience

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### Infosys Limited

May 2023 – Present

*System Engineer*

*Pune, MH*

- Managed and maintained enterprise backup and recovery systems using Commvault of 6 Commcell environments, ensuring data integrity and availability. Monitored 1000+ backup jobs, troubleshooting failures, and optimized performance for efficiency and reliability.
- Implemented and enforced backup policies, retention schedules. Conducted regular disaster recovery tests and ensured successful data restoration when needed.
- Administered backup infrastructure, including storage systems, and cloud backup solutions. Collaborated with IT teams to improve backup strategies, resolve backup failures, support business continuity planning, and perform maintenance activities.
- Generated reports on backup successes and failures, storage utilization, Server status, and recovery performance for management review.

### Infosys Limited

Nov 2022 – April 2023

*System Engineer Trainee*

*Mysore, KA*

- Hands-on experience in Linux Administration, system management, automation, and troubleshooting.
- Learned fundamentals of programming in Java, Python, and SQL for scripting and data handling.
- Fundamental knowledge of network protocols, configuration, and troubleshooting.
- Understanding of IT service management principles, ITIL framework, and best practices.

## Education

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### Vidyalankar Institute of Technology

Aug 2018 – May 2022

*Bachelor of Engineering in Electronics*

*CGPA: 8.65/10*

- Relevant Coursework: Object Oriented Programming, Database Management System, Structured Programming Approach Using C, Internet of Things, Robotics, Business Communication.

## Projects

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### Smart Gloves for Deaf and Mute Communication | C++, Arduino

April 2022

- Developed smart gloves to assist deaf and mute individuals by converting hand gestures into text and speech. Integrated flex sensors to detect finger movements and transmit data to a Arduino for processing.
- Programmed in C++ to interpret sensor inputs and send real-time results via Bluetooth. Designed a mobile app to display translated gestures as text and speech enabling seamless communication.

### Visitor Monitoring System | Python, Raspberry Pi

November 2021

- Developed a visitor monitoring system using Raspberry Pi and Python for real-time surveillance and logging.
- Integrated a camera module to capture visitor images and store them for identification and record-keeping.

### Home Automation System | Python, Raspberry Pi, Particle cloud

March 2020

- Developed a smart home automation system using Raspberry Pi and Particle Cloud for remote device control. Integrated IoT-enabled sensors to monitor and control home appliances in real time.
- Utilized Particle Cloud for secure, cloud-based communication and remote access. Programmed in Python to automate device operations based on sensor inputs and user commands.

## Extracurricular

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### Youth Empowerment Foundation

June 2021 – July 2021

*Volunteer*

*Mumbai University*

- Created learning modules to support the education of underprivileged children. Conducted interactive sessions to enhance learning engagement and accessibility.
- Led fundraising initiatives, securing resources to support educational programs. Contributed to the foundation's mission of empowering youth through education.