

# Devendra Kumar Dhayal

## Software Development Intern

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[Portfolio](#)

### Work Experience

#### Stack-Food Application (Freelancing)

- Automated Deployment of website web application (client, server and admin panels) using GitHub Actions on Amazon EC2 Instance.
- Re-Engineered new feature for address mapping and user login system.
- Integrated new Admin Panel to limit user access to specific systems for website control policy and control target audience.

#### PhiPhenomenon Research Community

General Secretary

- Conducting awareness programs for bleeding edge technologies.
- Currently a community of over 300+ active members.

### Projects

#### Application Design Studio, Dell Hackathon

- Developed an End to End system auto-scalable system with automation.
- Algorithms that simplify the representational complexity when working on large applications with microservices(over 100 services).
- Over 10,000 lines of code with CI/CD, unit and integration tests.
- Utilizes Horizontal scaling K8S and has scalable system architecture.
- Tech Stack : React Node K8s Docker Express Jenkins, AWS EKS and SNYK.

[GitHub Repository](#)

#### DIUM - Device Interface using Motion

- Created a database of over 3000 images..
- ML models with varying features and recognition speeds
- Can Identify Devices and generate state commands without being as intrusive as wearing heavy gloves to track motion..
- Tech Stack : Python Tensorflow RCNN, faster RCNN, MediaPipe, Tensorflow Object Detection. [Github Repository](#)

#### Social Media Application (Crack Watch)

- Platform to discuss Games Information, strategies and Statuses .
- Led a team of 5 colleagues with various skills.
- Developed an algorithm to generate over 166,000 pages for the topics.
- Automated scraper system to collect latest information from various sources including Steam, Reddit, Epic Games and IGN.
- Tech Stack : Django, Python, Java Script, CSS, HTML , PostgreSQL, Docker.

[GitHub Repository](#)

### Achievements

- Dean's List 3rd & 5th Semester for highest GPA.
- Completed Amazon ML School , Amazon India.
- Design And Analysis of Algorithms(NPTEL), IIT Madras CERTIFIED.
- Achieved Rank 1 in Code Expertise Organized By IEI MUJ Chapter was awarded Rs 10,000.

### SKILLS

Python	React
Java	Vite
C	Node
JavaScript	Express
HTML	Tailwind CSS
PostgreSQL	Docker
MySQL	Kubernetes
MongoDB	GitHubFlows
Django	Jenkins
Tensorflow	Torch
BigQuery	Ubuntu

### EDUCATION

#### Manipal University Jaipur

B.Tech CSE Hons( IOT & IS )

2021-2025

9.12 CGPA

#### CBSE

- Class 12 : 88.6%
- Class 10 : 91.2 %

#### Courses

- CISCO Introduction to Networks.
- CISCO Switching, Routing and Wireless Essentials.
- CISCO Endpoint Security.
- Red Hat System Administration.
- Red Hat Linux Automation with Ansible.
- NIT Warangal Machine Learning using Python

#### OTHER

- Part of the Organizing committee of RoboWars.
- Chess.com over 1000 rated

