Devendra Kumar Dhayal
Software Development Intern

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Portfolio

Work Experience

Freelancing (Have developed over 10 projects)

- Automated Deployment of website web application (client, server, and admin panels) using GitHub Actions on AWS. (FoodiOwl).
- Have built solution using Big Query, AI/ML, IOT, CN, K8s and DMS

Phi Phenomenon Research Community
General Secretary
- Conducting awareness programs for bleeding edge technologies.
- Currently a community of over 300+ active members.

Projects

Application Design Studio, Dell

- 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, After augmentation over 20000.
- 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, Media Pipe, 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 166000 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, and Docker. GitHub Repository

Achievements
- Dean's List 3rd & 5th Semester for highest GPA.
- Completed Amazon ML School, Amazon India.
- 1st Rank, Winner of the CodExpertise 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
Big Query	Ubuntu

EDUCATION

Manipal University Jaipur (2021-2025)
B. Tech CSE Hons (IOT & IS)
- 9.12 CGPA

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

Courses
- Design And Analysis of Algorithms (NPTEL), IIT Madras CERTIFIED.
- 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.