KUNAL JAYSWAL

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Education

Postgraduate Certificate in DevOps for Cloud Computing   **Jan 2023 - Sep 2024**
Lambton College, Toronto, Canada

Bachelors in Computer Science Engineering   **Aug 2023 - Jul 2021**
Dr. Ambedkar Institute of Technology, Bangalore, India

SKILLS & OTHER

Tools: Linux Server Platform, Windows Server Administrator 2012, Windows Server Administrator 2019, GIT, AWS, Azure, Docker container, Development Tools, Automation Tools, Jenkins, Database, Microsoft Office

Languages: C, C++, Java, Python, HTML, CSS

Technologies: Linux, Networking, Docker container, AWS, Azure, CI/CD Pipeline, Database, LAN, WAN, firewall, MySQL

Processes: DevOps, Continuous Delivery, Continuous Deployment, Project Management, Continuous Integration, Sales, Cash Management, Staff Management, Inventory Management, Team Work, Computer Software, Computer Hardware, and Problem-solving Skills

PROFESSIONAL EXPERIENCE

Programming Teacher/ Trainer   **Sep 2021 - Nov 2022**
Computer Point, Kathmandu, Nepal
- Coach Students in Programming Languages C, C++, and Java.
- Taught five days a week, four classes a day, and 30 students per class.
- Guided every student with a proper solution and tutoring from downloading and installing applications to execution of a program
- Designed an excellent team of students so each group is equally distributed and brings innovative projects as output.
- Properly address the problem and devise a short, more errorless solution with all possibilities.

PROJECTS

NoteHub   **Jun 2023 – Aug 2023**
- NoteHub is a personal note-making platform built using CI/CD Pipeline and a reference note for the future.
- Here, I wrote HTML and CSS code and pushed into the GIT repository, and In Jenkins I created some Jenkins jobs for build and test code for error-free code and saved in a Docker container.
- Then, mirrored notes in the AWS E3 storage for backup in a crash.
- In this project I learned how to work in Jenkins and work with pipeline and deploy an error free code.

Smart Irrigation Model Using IOT   **Mar 2021 – Jun 2021**
- The smart irrigation model helps small and large-scale farmers monitor the status of their farms via an application that provides the water supply based on weather and moisture in soil and alerts farmers.
- Developed the embedded C code for communication between the sensor and the IoT devices.

- Created a research paper for it improving my documentation skills and research skills.
- Developed my skills with IoT and embedded C, MIT App Inventor, and Blynk app.

Online Notes/Library   **Mar 2020 – Jun 2020**
- It is a web-based project where notes and books are uploaded. People can create a login ID and read notes/books, and they can also contribute by adding some books and keynotes, but the author must approve it first.
- Designed the login page of the website. Worked with different team member increasing my communication skill.
- I learned the programming languages like Java, HTML, CSS, and PHP.

ACHIEVEMENTS & AWARDS

- **Class Representative - DevOps for Cloud Computing Lambton College**   **Jan 2023**
- **IJARESM Certification of Publication - IJARESM Publication**   **Jul 2021**

  Smart Irrigation Model Using IOT was published in IJARESM, Impact Factor: 7.429, Volume 9 Issue 7, July 2021 Research paper

- **Artificial Intelligence Introduction Webinar** with Symposium Vidya Antam   **Aug 2021**
- **Certification of participation for Webinar "Research Opportunities in AI and Deep Learning"** with Dr. Ambedkar Institute of Technology   **Nov 2020**
- **Certification of participation for XII National Cyber Defence Summit '19**   **Sep 2019**
  National Cyber Safety and Standards India