

# KELVIN PRADHAN

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## EDUCATION

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### Ambalika Institute of Management & Technology

BCA

Major in Computer Science;

Relevant Coursework: Programming Fundamentals (C/Java/Python), Web Development, Database Systems, Linux OS

Lucknow, UP

2023 - 2026

### Seventh Day Adventist Inter College

Senior Secondary

Bahraich, UP

2021 - 2022

### Seventh Day Adventist Inter College

Highschool

Bahraich, UP

2019 - 2020

## CERTIFICATIONS & PRACTICAL APPLICATIONS

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### Web Development Certification | PrepCode (Summer Training)

- Designed and deployed responsive web applications using HTML, CSS, JavaScript, and PHP.
- Collaborated in a team to troubleshoot cross-browser compatibility and database integration issues.

### Modern Technology Seminar Certification | PrepCode

- Explored emerging tools in AI and automation.
- Applied concepts to create workflow automation using n8n and API integrations.

## ACHIEVEMENTS

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- Built and deployed containerized applications using Docker and managed services using Kubernetes (Minikube).
- Gained hands-on experience in DevOps fundamentals including Linux system administration, Docker containerization, and Kubernetes orchestration.
- Developed a Doctor Appointment Chatbot using n8n and WhatsApp API, automating booking and reducing manual scheduling.
- Built Foodzeela Website, a food delivery platform with authentication, menu management, and order tracking.
- Created CryptoxKelvin, a real-time cryptocurrency tracking app with live data visualization.
- Designed a Portfolio Website showcasing technical skills and projects with interactive UI and animations.
- Automated workflows with n8n, reducing repetitive tasks and improving efficiency in academic projects.
- Applied Power BI and Python visualization tools to analyze datasets and present insights effectively.

## PROJECTS & APPLIED SKILLS

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### Foodzeela Website | HTML, CSS, JavaScript, PHP, MySQL

- Developed responsive front-end interface with dynamic cart functionality.
- Designed relational database in MySQL for user data, orders, and restaurant details.
- Implemented backend logic for order processing and inventory updates.

### C3-Tier Web Application Deployment | Docker, Kubernetes, Minikube

- Designed and deployed a 3-tier architecture application consisting of frontend, backend, and database layers.
- Gained practical exposure to DevOps workflows, container orchestration, and infrastructure management.

### Portfolio Website | HTML, CSS, JavaScript

- Designed interactive UI with animations and responsive design.
- Enhanced professional visibility through project showcases.

### Doctor Appointment Chatbot | n8n, WhatsApp API

- Automated appointment booking with lead management and AI-based conversation handling.
- Integrated notifications and webhook triggers for real-time updates.

## TECHNICAL SKILLS

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- **Programming Languages:**

Python (Scripting, OOP, Automation), C (System-Level Programming), JavaScript (ES6+), PHP (Backend Development), SQL (Database Queries, Joins, Optimization)

- **DevOps & Containerization:**

Linux OS (CLI, User & Permission Management, System Monitoring), Docker (Images, Containers, Containerized Applications), Kubernetes (Kind, Minikube, Pods, Deployments, Services), Basic CI/CD Concepts, Shell Scripting Basics

- **Web Development:**

HTML5, CSS3, Responsive Web Design, JavaScript DOM Handling, REST API Integration, PHP/MySQL Development, Form Handling & Validation, Full-Stack Web Application Development

- **Database & Data Handling:**

MySQL, SQL Server, Database Design, Query Optimization, Stored Procedures, Data Modeling

- **Data Analysis & Visualization:**

Python (Pandas, NumPy, Matplotlib), Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA), Power BI (Dashboards, DAX), Advanced Excel (Pivot Tables, Lookup Functions, Charts)

- **Automation & AI Workflows:**

n8n Workflow Automation, Chatbot Development (WhatsApp, Web), API/Webhook Integration, Automated Lead Management, AI-Based Classification & Auto-Reply Systems

- **Networking & Cybersecurity:**

LAN/WAN Configuration, Network Troubleshooting, Routing & Switching Basics, Ethical Hacking Fundamentals, Vulnerability Scanning (Nmap, Nessus), Firewall Configuration, Basic SOC & Security Practices

- **Developer Tools & Platforms:**

Git & GitHub (Version Control), VS Code, Postman (API Testing), Figma (UI/UX Wireframing), XAMPP (Local Server Setup), Power BI, Chrome DevTools

- **Operating Systems:**

Linux CLI (User/Permission Management, System Monitoring, Security Commands), Shell Scripting Basics, Windows Administration (System Setup, Troubleshooting, User Management)

## LANGUAGES

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English (Proficient) | Hindi (Native)

## SOFT SKILLS

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Adaptability | Conflict Resolution | Detail-Oriented Problem Solving | Collaborative Teamwork | Time Management