

# Sunil Sapkota

Backend / DevOps Engineer | Professor  
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PORTFOLIO | STACKOVERFLOW | GITHUB | LINKEDIN

## EDUCATION

**LAGRANDEE INTERNATIONAL COLLEGE**  
**BCA (BACHELOR OF COMPUTER APPLICATION) BACHELOR**  
GPA: 3.03

apr 2016 - jul 2021  
Pokhara, Nepal

## EXPERIENCE

**LAGRANDEE INTERNATIONAL COLLEGE | PROFESSOR**

Pokhara | Jan 2024 – Present

Supervised final-semester student projects.  
Taught students Android Application Development, Linux, and Programming Logic and Techniques.  
Resulted in several successful and innovative applications by students.  
100% of students passed my subjects in the board exams.  
Imparted practical knowledge and skills to students.

**AD BREAK MEDIA | ANDROID DEVELOPER**

pokhara | jan 2023 – Jan 2024

Developed a robust backend API using Node.js with a MongoDB database.  
Designed and launched a dashboard for advertisers.  
Continuously provided support to Ad Break Media.  
Enabled seamless data retrieval and integration of publishers with SDK and APIs.  
Enhanced campaign management and user experience.  
Ensured smooth operations and customer satisfaction.

**GAINTPLAY LLC | BACKEND DEVELOPER/DEVOPS**

Pokhara Nepal | Jan 2022 – Jan 2023

Orchestrated the deployment of projects to multiple physical locations leveraging AWS infrastructure and Docker images.  
Enhanced MongoDB schema design and developed Node.js APIs.  
Monitored server performance using Graphana and Prometheus.  
Reduced response time by 20% and increased system stability by 15%.  
Reduced deployment time by 40% and improved scalability.  
Optimized resource allocation, leading to a 25% increase in system efficiency

**RACE GROUPS | SOFTWARE DEVELOPER**

Pokhara | Nov 2020 – Jan 2022

Digitized manual operations and processes.  
Enhanced customer relations and operations.  
Reduced errors and improved efficiency by 50%.  
Increased customer retention and loyalty by 25%.

## SKILLS

**PROGRAMMING LANGUAGES**  
**LIBRARIES/Frameworks**  
**TOOLS / PLATFORMS**

**DATABASES**

JavaScript, TypeScript, PHP, Java, Shell  
Laravel, Next.js, Express.js, Node.js, Bootstrap, Tailwindcss, React.js  
Linux, Git, Kubernetes, AWS, Jenkins, Docker, Android Studio, Prometheus,  
Graphana, Selenium, Jest, Cypress  
MySQL, MongoDB

## PROJECTS / OPEN-SOURCE

### LINUX | [LINK](#)

markdown, shell

- This project was designed to address the need for chapter-wise Linux notes for BCA students at PU level. Its final release has positively influenced hundreds of BCA students by providing valuable study resources.

### SUCHNA\_WALLA | [LINK](#)

Java, Kotlin

- Suchna Walla is an online notice board application specifically crafted to simplify access to notices for students. It empowers users to interact with notices, leave comments, manage profiles, and customize preferences.

### TUTORIAL WEBSITES | [LINK](#)

HTML, JavaScript, CSS

- A comprehensive collection of notes and key question-answer resources for various BCA subjects.

## CERTIFICATIONS

- MongoDB Database Administrator (DBA) Path - **MONGODB**
- MongoDB Nodejs Developer Path - **MONGODB**
- Full Stack Web Developer with AI & ML Integration - **UDEMY**
- CICD (DevOps Tools) for Automation Testers - **UDEMY**
- Ultimate AWS Certified Cloud Practitioner - 2023 - **UDEMY**
- Advanced Android App Development - **UDEMY**