

# Shubham S Pant

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## Summary

Computer science graduate with hands-on experience in database administration, web development, and cloud technologies, currently expanding expertise in backend development. I am a quick learner with strong programming fundamentals and a passion for building scalable, efficient systems. Adept at problem-solving, teamwork, and delivering efficient IT solutions. I am eager to grow, adapt, and contribute in an entry-level software engineering or backend development role.

## Education

### Kalinga Institute of Industrial Technology

Bachelor of Technology in Computer Science and Engineering

Oct 2021 - May 2025

Bhubaneswar, India

### Tilottama Secondary School

National Examination Board

2019 - 2021

Butwal, Nepal

## Experience & Research

### Database Administrator Intern

YAJ Technologies Pvt. Ltd. (Ambition Guru)

May 2024 - Jul 2024

Kathmandu, Nepal

- Monitored database server performance and health, ensuring optimal system functionality and uptime.
- Implemented regular backup schedules and performed data recovery to maintain data integrity and business continuity.
- Conducted database performance tuning, optimizing query efficiency and resource allocation to meet server demands.

### Research Paper

Jan 2024 - Apr 2025

- Research paper on "Load Balancing: The Guardian of Fault Tolerance and High Availability in Cloud Computing"
- Research paper on "Navigating the Challenges of Autonomous Agents in Software Engineering"

## Skills

**Technical Skills:** HTML, CSS, JavaScript, MySQL, MongoDB, C/C++, Python, Java

**Tools:** Git & Github, VS Code, AWS, Microsoft Excel, Jupyter Notebook, DataGrip, SQLyog, MySQL Workbench, MongoDB Compass, MobaXterm

**Soft Skills:** Teamwork, Problem solving, Logical thinking, Leadership

**Relevant Coursework:** Data Structures and Algorithm, Object-Oriented Programming, Operating System, Database Management System, Data Analytics, Big Data, Software Engineering, Cloud Computing, AI/ML

## Extracurricular

### KIIT International Students Society

Domain Lead

Mar 2023 - Jun 2024

Bhubaneswar, India

- Led and managed society operations, coordinating major cultural events such as KHETSHEN and Halloween to foster cross-cultural engagement and community participation.
- Supervised cross-functional teams to ensure smooth event execution, strengthening organizational efficiency and leadership within the student community.

## Certification

Meta - Introduction to Front-End Development

AWS Academy Graduate - AWS Academy Introduction to Cloud