

# Shishir Pandey

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## EDUCATION

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**Pokhara University**

*BCA in Computer Science*

**Pokhara, Kaski**

*Expected Graduation, November 2026*

## PROFILE SUMMARY

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Targeting **Full stack Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth.

- MERN stack (**MongoDB, Express.js, React, Node.js**) with a strong background in building scalable web applications
- Demonstrated ability to manage and deliver projects efficiently, from initial planning and design to final deployment and maintenance.
- Committed to staying updated with the latest industry trends and technologies, continuously enhancing skills to provide innovative solutions

## PROJECTS

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**Blog Application with Authentication**

**April 2025- July 2025**

**Tools: React, Appwrite, Redux**

A full-featured blog application enabling users to register, authenticate, and manage their blog posts seamlessly.

### Responsibilities:

- Developed the front-end using React, creating a responsive and intuitive user interface.
- Implemented user authentication and authorization using Appwrite, ensuring secure access to the application.
- Managed the backend entirely with Appwrite, handling data storage, retrieval, and user management efficiently.
- Utilized Redux for state management to ensure consistent and predictable application state.

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**YouTube Backend Clone**

**June 2025 – August 2025**

**Tools: Express, MongoDB**

A robust backend system designed to replicate core YouTube functionalities, including user management, video uploads, likes, comments, and subscriptions.

### Responsibilities :

- Designed MongoDB/Mongoose models for users, videos, comments, playlists, and likes.
- Implemented secure authentication and authorization using JWT and bcrypt.
- Developed video upload endpoints with thumbnail handling and cloud storage integration.
- Added features for likes, comments, subscriptions, and channel management.

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### Academic Qualifications :

- Earned a certification in Full Stack Development, demonstrating proficiency in MERN stack technologies and project management.
- Provided freelance graphic design services, managing diverse client projects, creating visual content, and delivering high-quality designs that improved branding and engagement.

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### Technical Skills :

Programming : Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, C++, C

Tools : IntelliJ, PyCharm, Eclipse, Git, Bootstrap, MERN

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### Soft Skills:

Strong communication, creativity, time management, problem-solving, adaptability, attention to detail, and client-handling skills.