# Shiva Aryal

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## Profile Summary

A dedicated and detail-oriented Backend Developer with a Bachelor's degree in Computer Science and Information Technology from Tribhuvan University. Proficient in backend technologies such as Node.js, NestJS, and Django, with a solid foundation in frontend development using HTML, CSS, and JavaScript. Experienced in database management, API development, and system design. A continuous learner with strong problem-solving skills, eager to contribute to innovative projects and collaborate within dynamic teams.

## Work Experience

### Backend Developer – XTen IT Pvt. Ltd.

August 2024

Developed and maintained backend systems for an e-commerce platform using Django, focusing on authentication, order management, and API integrations.
- Designed and implemented a survey system using Django, enabling dynamic survey creation and data analysis.
- Customized authentication systems to integrate seamlessly with Django Templates, enhancing user experience and security.
- Designed and implemented an accounting ledger system by customizing Django packages to meet specific client requirements.

### Backend Developer Intern – NepTechPal

April 2024 – June 2024

Contributed to the 'ListBot' project, an application for accessing trusted AI websites.
- Developed and implemented user authentication systems using NestJS, ensuring secure and efficient user management.

# Academic Qualifications

## Bachelor of Science in Computer Science and Information Technology (BSc CSIT)

2019 – 2024

Mount Annapurna Campus, Pokhara (Affiliated with Tribhuvan University)

Major Subjects: Database Management Systems, Data Structures and Algorithms, Software Engineering, Object-Oriented Programming, Image Processing, Cryptography, Java Programming, Web Technologies, Artificial Intelligence.

## Higher Secondary Education (+2 Science)

2017 – 2019

Janapriya Multiple Campus, Pokhara

Focused on Physics, Chemistry, and Mathematics, developing strong analytical and problem-solving skills.

## Secondary Education Examination (SEE)

2017

Shree Evergreen English Boarding School, Pokhara

Built a strong academic foundation and developed an early interest in technology and logical thinking.

# Skills

Frontend Development: HTML, CSS, JavaScript, Bootstrap, React, Flutter

Backend Development: Node.js, NestJS, Django, Python, .NET, Java

Database Management: MongoDB, PostgreSQL, MySQL

Tools & Technologies: Git, GitHub, Figma, SEO Tools (Google Analytics, Google Search Console), Google Business Profile

Other Skills: Graphic Designing, Video Editing, Blockchain, Network Administration, System Troubleshooting

Soft Skills: Strong problem-solving and critical thinking abilities, effective communication and interpersonal skills, ability to work independently and collaboratively, continuous learner with a passion for technological advancements.

# Major Projects

### Rojgaar – Job Recommendation System

Final Year Project (2023 – 2024)

Developed a skill-based job recommendation system using Flutter for the frontend and Node.js with MongoDB for the backend.
- Implemented interactive job search features and simplified job posting for companies.
- Backend Repository: GitHub – Rojgaar Backend

### E-commerce Platform

XTen IT Pvt. Ltd. (2024)

Developed the backend of an e-commerce system using Django, handling user authentication, product management, order processing, and API integrations.
- Enhanced the shopping experience by implementing efficient backend logic and seamless frontend-backend communication.
- Live Site: https://ecommerce.wwginvestment.com

### AccoX – Accounting Ledger System

XTen IT Pvt. Ltd. (2024)

Currently developing an accounting ledger system using Django, focusing on financial statement reports, journal entries, ledgers, and chart of accounts.
- Customizing existing Django packages to meet specific accounting requirements and improve financial data management. link: https://test1.astroamritpaudel.com

### Survey System

XTen IT Pvt. Ltd. (2024)

Designed and implemented a dynamic survey system using Django, allowing users to create, distribute, and analyze surveys effectively.
- Integrated user-friendly interfaces and robust backend functionalities to ensure efficient data collection and reporting.

### Smart Choice (website)

Designed and developed a fully responsive company website using modern web technologies.
- Integrated key features such as appointment booking, mortgage calculators, and other financial tools to enhance user interaction and service accessibility.
- Focused on delivering a clean UI/UX aligned with the brand identity, ensuring compatibility across devices and browsers.  link: https://smartchoicemortgageandfinance.com.au