

# Ajaya Prajapati

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## SKILLS and CERTIFICATIONS

- MERN Stack Trainee, Deerwalk Training Center, Nepal 2022
- Microsoft Learn Student Ambassadors Online Resume Workshop 2022
- Web Design, Broadway Infosys, Nepal 2020
- Basic and Advanced DJ Course, Poison DJ Academy, Nepal, 2015
- Proficient in programming languages: C, C#, JavaScript, Python, .NET, Java, PHP
- Front End Development: HTML, CSS, Bootstrap, Tailwind, Material UI, React, Next
- Back End Development: Node, Express, Laravel
- Database management: MySQL, MongoDB, SQL, Postgres

## EDUCATION

### Full Stack Software Development, Post Graduate

Jan 2023 – Present

Lambton College, Toronto, CA

- In-depth understanding of server-side programming languages and frameworks: Java, C# .NET, Python, Node.js.
- Hands-on experience with SQL and NoSQL databases, including MongoDB, for efficient data management.
- Analyzed real-world problems, designing comprehensive solutions across presentation, business logic, and data tiers.
- Developed critical thinking, collaboration, creativity, and communication skills through real-world software application projects.

### Project:

#### E-State Application for Buying or Selling Real State

Nov 2023 – Dec 2023

- Developed E-State Application using MERN stack and Firebase with Redux for streamlined state management.
- Integrated Firebase for secure and seamless user authentication, ensuring a reliable login system.
- Implemented Redux for maintaining a predictable application state, enhancing user experience, and facilitating smooth data flow.
- Achieved scalable and responsive design using React.js, delivering a seamless and adaptable user interface.

Website Demo: <https://mern-estate-qj7q.onrender.com>

### BSc. Hons in Computing, Bachelors

Jan 2017 – Sep 2021

The British College, Kathmandu, NP

- Engineered secure network infrastructures, mastering protocols for data integrity.
- Implemented measures ensuring confidentiality and securing valuable insights into network protection.
- Explored AI techniques, enhancing decision-making processes through hands-on experience.
- Proficiently coded and crafted databases, honing skills in programming intricacies.
- Actively contributed to software projects, learning adaptability and innovative problem-solving.

## Project:

Web Application for Nepali Sign Language Detection

April 2021 – July 2021

- Led the creation of a Nepali Sign Language Detection Web App, achieving 92% accuracy.
- Utilized Python for machine learning to detect Nepali alphabets and gestures using a webcam feed.
- Employed TensorFlow to train the machine learning model, boosting accuracy and performance.
- Implemented user interface using React, ensuring a user-friendly and intuitive experience.
- Hosted application's API on an IBL cloud online database for seamless performance.
- GitHub Repo: <https://github.com/ajzprz/nslrapp>

## WORK HISTORY

### Concierge, Security Guard

Apr 2023 - Present

Paragon Security, Toronto, ON

- Implemented site regulations, ensuring compliance and security.
- Investigated and reported maintenance issues, preventing 20 potential hazards.
- Answered residents' inquiries promptly, fostering positive communication.
- Regularly patrolled premises, providing escorts and enforcing parking regulations.

### Junior Front End Developer

Mar 2022 - Jun 2022

Anubhabi Technologies, Kathmandu, NP

- Translated designs into responsive web pages, ensuring consistent branding.
- Improved website performance by 25% through code optimizations and lazy loading.
- Managed automated testing, reducing post-deployment bugs by 30%.
- Facilitated migration of legacy code, increasing code maintainability.

### Data Enrichment Intern

Oct 2021 - Jan 2022

Four Symmetrons, Kathmandu, NP

- Strategically enriched 1000+ records, enhancing data coverage and quality.
- Collaborated on 2 key projects, providing enriched insights.
- Improved data accuracy by 15% through rigorous cleansing methods.
- Ensured real-time accuracy and accessibility of information for efficient project workflows.

## VOLUNTEER WORK

### Member

Jan 2015 - Jan 2022

Churna Binayak Youth Club, Bhaktapur, NP

- Engaged in 12 impactful social initiatives, enhancing community well-being.
- Led 5 cleanliness programs, improving local environmental standards.
- Direct and indirect participation in annual cultural and entertainment events.
- Played a pivotal role in 3 heritage preservation projects.

### Member

Jan 2016 - Jan 2020

Red Cross Society Dadhikot Sub Chapter, Bhaktapur, NP

- Contributed to disaster preparedness, ensuring safety for 500+ community members.
- Facilitated first aid training for over 100 individuals.
- Coordinated blood donation drives, collecting over 300 units of blood.
- Engaged in community outreach, reaching 1,000+ individuals for health awareness.

## AWARDS

- Appreciation for Technical Supporter at International CA Student's Conference 2018
- Appreciation for Participation as Exhibitor in Khwopa Educational Fete 2015