# Nishan Kadel

## Contact

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## Programming /Scripting Languages

Python
Java
JavaScript
HTML
CSS

## Personal Details

I am a hardworking and ambitious individual with a great passion for the Computing industry. I have an outstanding academic record and thorough basic knowledge of various programming Languages. I am grounded, solution-oriented and target-oriented person. I have excellent communication skills, enabling me to effectively communicate with a wide range of people. I am seeing a internship opportunity in the industry in which I can put into practice my knowledge and experience, ultimately benefiting the operations of the organisation that I work for.

## Career Objectives

A self-motivated, goal-getter IT professional passion for creating web based solutions with huge knowledge and proficiency in JavaScript, HTML , CSS, Node.JS, Express, MongoDB, (ReactJS), etc. and overall backend development, as well as strong skills and ability in writing clean and efficient code, seeks the the position of Back-End Web Developer.

## Academic Projects

**Staff Hire project (JAVA):**

- It is a simple console-based and GUI-based staff management system.
- BlueJ is used as editor.
- It has the feature to add, delete, update, and list the staff according to part-time or full-time.
- Knowledge of data structure, object-oriented programming, CRUD operation is gained.

**Project Link:**
https://drive.google.com/drive/folders/1B0ZbQNzXnAOBkd1UH0p71Bu_Cb7Xu3AM?usp=sharing

## Education

**School:**
Shree Namuna English Secondary School,
Gauradaha, Jhapa
[2004-2017]

**College (+2):** Science from
Vishwa Adarsha College,
Aitabare, Sunsari
[2018-2019]

**College/University:**
BSC(Hons) Computing from
Itahari International College,
(London Metropolitan University),
Sundar Haraicha, Morang
[2019-present]

## Hobbies

- Travelling
- Reading Books
- Watching Movies
- Exploring Knowledge
- Eager to learn new technologies

## Extra Skills

- Basic knowledge of hardware and software architecture
- Software Engineering (USDP/RUP/UML)
- Logic and Problem solving
- Python
- Basic knowledge of Django
- JSON and XML
- Tailwind css
- MySQL
- Linux
- SQL

### Shell Scripting (OS):

- It is simple console-based bash program which is based on the guessing game. User should login with secret key and guess which country played well and which player is favorite.
- Bash scripting is used
- Knowledge of loops, switch, select, etc. is gained.

**Project Link:**
https://drive.google.com/drive/folders/1WFs0ttTHddyIFC2c_UXsBaqQ1h4sEce6?usp=sharing

### Portfolio project (IS):

- Portfolio website using HTML, CSS, JavaScript.
- Got familiar with web technology and web designing tools.

**Project Link:**
https://drive.google.com/drive/folders/1n069mQx6jiuv-IIPBqH7gtXDFDT1u64-?usp=sharing

### Music Store (XML):

- XML document is created for music store application and used DTD and Schema for validation.
- XML, DTD, Schema and CSS were used.
- Knowledge of how XML document works, validation using DTD and Schema, difference between DTD and Schema, restriction/facets, data types in XSD are gained.

**Project Link:**
https://drive.google.com/drive/folders/1cQMcD7G0Y4-uPs4Wgmeu1joUGNVDkdLe?usp=sharing

### Sound Strong Music Institute (SE):

- System design for Sound Strong Music application.
- Agile methodology (RUP) is used.
- Use case, Gantt chart, high and expanded level use case description, collaboration, sequence, and class diagram is drawn.
- Knowledge of agile methodology, UML diagram is gained.

**Project Link:**
https://drive.google.com/drive/folders/1z3TgwfgS4f1etAFOpoNTXCQq4O48bBdm?usp=sharing

**MySQL CRUD application (DB):**

- Simple CRUD console-based application using MySQL MariaDB.
- Knowledge of manipulating data, add/delete/update/read operation are gained.

**Project Link:**
https://drive.google.com/drive/folders/1B2VVXgB-IdDSfYIQqYAbCNAQTrtxWsQb?usp=sharing

**MySQL Grocery store (DB):**

- Information stored application of customer and products, CRUD console-based application using MySQL.
- Knowledge of manipulating data, add/delete/update/read operation are gained.
- Knowledge of Entity relation diagram, normalization, etc. are gained.

**Project Link:**
https://drive.google.com/drive/folders/1AFxsKDf7pmg2bl3VL4Q-j_xAd60ZoGCC?usp=sharing

**Python Adder program (Python):**

- Simple console-based python program for addition of decimal and binary number.
- Knowledge of loops, basic python programming, adder, modular program, parallel adder circuit, algorithm, flowchart, pseudocode is gained.

**Project Link:**

https://drive.google.com/drive/folders/1wO2gbvaarHBib1ASlG3fVXC4PfESA6xI?usp=sharing

**Inventory management (JAVA):**

- It is simple GUI-based inventory management system where we can add electronic products.
- Knowledge of binary search, tables, GUI, data structure, etc. are gained.

**Project Link:**

https://drive.google.com/drive/folders/1tzW2TXmzfhfJ-Abyx4Zrns-yIdrmrOdz?usp=sharing

# References

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# Non-academic Projects

**Web Scraping (NodeJS):**

- This is simple NodeJS program for Web Scraping.
- NodeJS and CheerioJS package is used.
- Knowledge of basic web scraping and how CheerioJS is used for scraping are gained.

**Project Link:** https://github.com/nishankadel/Web-Scraping-with-NodeJS


**TMDB Movie List (NodeJS):**

- This is simple NodeJS program for movie listing using TMDB API.
- NodeJS and TMDB API is used.
- Knowledge of manipulating API is gained.

**Project Link:** https://github.com/nishankadel/TMDB-Movie-List

**Website Link:** https://movies-details-kadel.herokuapp.com/


**Twilio-SMS project (NodeJS):**

- This is simple NodeJS program for sending SMS to any mobile number.
- NodeJS and Twilio package is used.
- Knowledge of how SMS are pushed in mobile and Twilio package work are gained.

**Project Link:** https://github.com/nishankadel/Twilio-SMS


**Customer-CLI (NodeJS):**

- This is simple console based NodeJS program for Customer management.
- NodeJS, commander and inquirer package is used.
- Knowledge of CRUD operation and how console-based program is created are gained.

**Project Link:** https://github.com/nishankadel/Customer-CLI

# Certification

➢ **_LinkedIn Learning Certificates_**

- Learning React.js
- Building Modern Projects with React
- Become a Python Developer
- Programming Foundations: Real-World Examples
- Programming Foundations: Object-Oriented Design
- Programming Foundations: Data Structures
- Programming Foundations: Algorithms
- Learning MongoDB
- Linux: Overview and Installation (CompTIA)
- Linux: Overview and Installation
- Vanilla JavaScript: Ajax and Fetch
- JavaScript and JSON: Integration Techniques
- Express Essential Training
- Building RESTful APIs with Node.js and Express
- Building a Website with Node.js and Express.js
- Advanced Express
- Programming Foundations: Databases

**Certification Link:**
https://drive.google.com/drive/folders/1RUdnzp1tqb5mIwxSNC0iQlsWfjIf1tfv?usp=sharing

**React Tesla Clone (NodeJS):**

- This is the clone of only home page of tesla.
- React JS, styled component, react router are used.
- Knowledge of react-components, react hooks, styled components and react router dom are gained.

**Project Link:** https://github.com/nishankadel/React-tesla-Clone

**Chat App (NodeJS):**

- This is simple Chat application developed with NodeJS.
- NodeJS and socket.io package is used.
- Knowledge of bi-directional flow of data in real-time, how socket.io works are gained.

**Project Link:** https://github.com/nishankadel/Chat-Cord-TM

**React Netflix Clone (NodeJS):**

- This is the clone of only home page of Netflix.
- Data are fetched through tmdb API.
- React JS, styled component, axios, react hooks, react router are used.
- Knowledge of react-components, styled components and react router dom are gained.

**Project Link:** https://github.com/nishankadel/React-Netflix-Clone

## Other Projects Links

**User management (NodeJS):**
https://github.com/nishankadel/User-manager

**Passport Authentication (NodeJS):**
https://github.com/nishankadel/NodeJS-Passport-Authentication

**Portfolio website (Html, CSS, JS):**

https://github.com/nishankadel/nishan

**Responsive Navbar (HTML, CSS, JS):**

https://github.com/nishankadel/Responsive-Navbar-Hamburger

**JavaScript TODO App:**

https://github.com/nishankadel/Todo-JS

**Calculator App (JavaScript):**

https://github.com/nishankadel/Calculator-JS

**Weather App (NodeJS):**
https://github.com/nishankadel/WeatherApp

**Movie Details (NodeJS):**

https://github.com/nishankadel/Movie-Details

**Google Auth (NodeJS):**

https://github.com/nishankadel/Google-Auth_NodeJS

**Multer Image Upload (NodeJS):**

https://github.com/nishankadel/multer-upload-img

**Random Jokes API (NodeJS):**

https://github.com/nishankadel/Random-Jokes