

# ANIL KR. MAHATO

FRONTEND DEVELOPER

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🌐 <https://github.com/anil487>

## Education

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**State University**

**Oct. 2019 – Oct. 2024**

*Bachelor of Computer Application (BCA)*

*New Summit College (Tribhuvan University)*

*Shantinagar, Tinkune, Kathmandu*

## Projects

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**Snake Game | JavaScript**

**November 2023**

- Developed a Retro Snake Game inspired by the classic Nokia Snake using JavaScript.
- Implemented features such as collision detection, generated food items, grow snake size, player point tracking, increasing snake speed and reset functionality.
- Styled the game interface using HTML and CSS to provide an engaging user experience.

**Scissor, Paper, Rock game | JavaScript**

**November 2023**

- Implemented the classic game of Stone, Paper, Scissors using JavaScript.
- Provided a user-friendly interface for players to make their selections.
- Included logic to determine the winner based on the choices made by the player and the computer.

**Portfolio | HTM, CSS, JS**

**January 2024**

- Designed and developed a personal portfolio website using HTML, CSS and JS.
- Showcased professional projects, skills, and contact information in an interactive and visually appealing manner.
- Ensured responsiveness across various devices for optimal user experience.

**Birthday Reminder App | JavaScript, React****February 2024**

- Developed a Birthday Reminder application using React, enabling users to manage and view upcoming birthdays.
- Implemented import/export functionality, JSX (JavaScript XML) syntax to create dynamic and interactive user interfaces and the map () method to dynamically render a list of upcoming birthdays.

**E-Commerce Website | HTM, CSS, JavaScript, React****March 2024**

- Developed an E-Commerce website using HTML, CSS, JavaScript, and React.
- Implemented features such as product listings, shopping cart, and checkout process.
- Designed user interfaces to enhance the shopping experience and increase user engagement.

**np Domain cover letter generator | Next.js, Typescript****Jan 2025**

- Ensures a fast, scalable, and type-safe application.
- Users can input their details to auto-generate a cover letter.
- Personalizes the letter based on user input.
- Successfully deployed as part of Stable Cluster's domain registration system.

**Hosting plan recommendation system (HPRS) | Next.js, Typescript****Jan 2025**

- Collect user preferences like budget, website type, expected traffic, and recommend plan for customers

**IP Checker | Next.js, Typescript****Feb 2025**

- Developed a web-based IP Checker that displays the user's current IP address, country, longitude, and latitude in real-time.
- Implemented dynamic flag rendering based on the country code.
- Integrated DB-Geolocation API to fetch accurate geolocation data.
- Ensured a responsive and user-friendly UI using modern frontend technologies.
- Optimized API calls and state management for efficient data fetching and display.

**UTM (Urchin Tracking Module.) | Next.js, Typescript****Feb 2025**

- Developed and deployed a UTM Builder to help users generate trackable URLs for marketing campaigns.
- Implemented dynamic form inputs for campaign source, medium, name, term, and content to create customized UTM links.
- Ensured a responsive and intuitive UI for seamless user experience.
- Deployed the project for real-world use, making it accessible to users.

## SPF (Sender Policy Framework) Record Maker | Next.js, Typescript

Feb 2025

- a useful tool for generating SPF records for email authentication.
- Allow users to enter their domain name.
- Let users specify which mail servers and IPs are authorized to send emails on behalf of their domain.
- Dynamically generate a valid SPF TXT record.
- Provide an easy "Copy" button or export to TXT/CSV.

## Personal Portfolio | Next.js, Typescript (status: ongoing/waiting to host on .np free domain) Feb 2025

### Technical Skills

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**Languages/ Frameworks/libraries:** HTML/Tailwind CSS, JavaScript, TypeScript React.js, Next.js.

**Developer Tools:** VS Code, Postman, Zustand, Redux toolkit, C-panel.

**Version Control:** Git, GitHub, GitLab, Bitbucket.

### Trainings/Bootcamp / intern

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|---|----------------------|
| • Professional Frontend with React Course from Nth Limitless Learning | <b>December 2023</b> |
| • Attended React Bootcamp Organized by Evolve IT Hub Nepal            | <b>February 2024</b> |
| • Working as a intern at stable cluster (webhosting company)          | <b>2 months 2025</b> |