

Nischal Adhikari

Software Developer

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Full-stack developer with expertise in JavaScript, ReactJS, React-Native, and Next.js for dynamic frontend development. Proficient in backend technologies like Express.js, Node.js, Web-Socket, Postgresql, and MongoDB, specializing in the MERN and PERN stack.

EXPERIENCE

• Full-Stack Developer

DynoTech Global

Lokanthali, Bhaktapur

Feb, 2023 - Aug, 2024

• Full-Stack Developer

Spell Innovation

Pipal Bot, Mid Baneswor

Aug, 2024 - present

- Enhanced older projects and existing projects by adding features and various other functionalities.
- Worked on developing major systems like **ChibiHR**, **TXTBond**, **Spell C-Pass**, **Spell-Chat**.
- Worked on building Multi-Tenant systems like **SMS(school management system)**, **DynoCRM**.
- Developed intuitive user interfaces (UI) for the newly added features, focusing on user-centric design principles.
- Integrated newly developed features into the project, ensuring compatibility and smooth operation with the existing system.
- Conducted collaborative meetings to discuss and brainstorm new feature implementations, actively contributing ideas and strategies for improvement.
- Provided client support by identifying and rectifying existing system bugs and adapting the system to meet specific client requirements.
- Utilized Github by creating and tracking new features, version control, and maintaining a structured approach to project development.
- Offered support and assistance to fellow developers, aiding in their understanding and implementation of various project components.

EDUCATION

Bachelor in Computer Application (BCA)

Mechi Multiple Campus

Bhdrapur, Jhapa

Nov, 2018 - Sept, 2023

- Explored IT concepts: Hardware, software, networking, data structures, and algorithms.
- Completed three major projects:
 - **Project-I:** Developed a **"Library Management System"** using core PHP, incorporating HTML, CSS, JavaScript, jQuery, Bootstrap, and a custom MVC architectural pattern.
 - **Project-II:** Utilized MERN stack for a **"Resume Builder"** project, implementing recommendation algorithms through binary search.
 - **Project-III:** Created **"E-Learning"** using MERN stack, focused on learning online course. Explored MERN stack, React UI components, Typescript, PDF parsing using jsPDF and Content-based recommendation algorithm.
- Actively participated in:
 - Laravel framework workshop during the 6th semester.
 - IoT and Big Data workshop during the 8th semester. Explored concepts and physically implemented simple IoT projects using Arduino Uno.

PROJECTS

E-Learning | MERN stack, Typescript, Material UI, Styled-Components

[Link to project](#)

A web application that allows users to browse courses and purchase courses online. Integrated payment gateway(KHALTI) for purchasing course.

Danfe Solutions | Astro, TailwindCSS, GoogleADS, Google Analytics

[Link to project](#)

A simple Astro website for writing blogs, and course content. Google ADS and Google Analytics user for showing ads and tracking user activity on a website.

Resume Builder | MERN stack, TailwindCSS

[Link to project](#)

A simple web application that allows users to view and create resumes from the given templates.

TXTBond | MERN stack, Typescript, Next.js, TailwindCSS, ANTDDesign

[Link to project](#)

- A web application that helps user to send SMS in bulk to their customers with their personal number so it seems genuine message not as bot.
- Responsible for creating web application and developing API .
- Collaborate with backend developers to create new features.

DynoCRM | MERN stack, Typescript, Next.js, TailwindCSS, ANTDDesign

[Link to project](#)

- A web application that manages Leads and Customers.
- Responsible for creating landing page and frontend components.
- Collaborate with developers to design frontend components and integrating features on it.

ChibiHR | MERN stack, Typescript, Next.js, TailwindCSS, ANTDDesign

[Link to project](#)

- A web application that offers essential features designed to streamline HR operations.
- Collaborate with developers to design frontend components and integrating features on it.

GBM SMS | MERN stack, Typescript, Next.js, TailwindCSS, ANTDDesign

[Link to project](#)

- A SMS application for "Gomendra Birta Model English School" for managing students, teachers, staff and many more.
- Responsible for creating web application and integrating features on it.
- Collaborate with backend developers to create new features.

Masterflutter | Astro, TailwindCSS, GoogleADS, Google Analytics

[Link to project](#)

- A learning website where users can learn flutter and dart programming language.
- Responsible for creating web application and integrating features on it.

TPA | MERN stack, Typescript, Next.js, TailwindCSS, ANTDDesign

[Link to project](#)

- TPA stands for "The Props Association" which is a crypto web application.
- Responsible for creating frontend components by implementing the provided Figma UI and integrating features on it.

Bizforce SAP | MERN stack, Typescript, TailwindCSS, ANTDDesign

[Link to project](#)

- SAP "System Applications and Products", is a web application for managing business inventory and customers.
- Responsible for creating web application, and developing API.
- Collaborate with backend developers to create new features.

SMS Medha | ReactJS, TailwindCSS, CustomComponents, Laravel

[Link to project](#)

- SMS stands for "School Management System" which is an ERP web application based on multi-tenant architecture.
- Responsible for building, updating, and optimizing existing frontend components by implementing the provided Figma UI.
- Collaborate with backend developers for implementing API and new features on the system.

Birendranagar System | ReactJS, MaterialUI, TailwindCSS, Laravel

[Link to project](#)

- Birendranagar system is a municipality web application.
- Responsible for building, updating, and optimizing existing frontend components.
- Collaborate with backend developers for implementing API and new features on the system.

Spell C-Pass | NextJS, AntDesign, TailwindCSS, Laravel

[Link to project](#)

- Spell C-pass is a CMS system.
- Responsible for creating web application.
- Collaborate with backend developers for implementing API and new features on the system.

Rental Best Services | MERN stack, AntDesign, TailwindCSS

[Link to project](#)

- Rental Best Services is a booking vehicle web application.
- Responsible for creating web application and API.

SPESS | MERN stack, AntDesign, TailwindCSS, NextJs

[Link to project](#)

- SPESS is a school potfolio web application with features like dynamic notices, news & online entrance form booking system.
- Responsible for creating web application and API.

Gurkha-oven | MERN stack, AntDesign, TailwindCSS, NextJs

[Link to project](#)

- Gurkha-Oven is a hotel potfolio system with features like dynamic menus, add to cart & order items.
- Responsible for creating web applications and API.

SKILLS

FRONTEND DEVELOPMENT

HTML, CSS, JavaScript, Typescript, TailwindCSS, Bootstrap, MaterialUI, ANTDesign, styled-Component, ReactJS, NextJS, Wordpress, Astro, React-Native

BACKEND DEVELOPMENT

NodeJS, ExpressJS, Web Socket

DATABASE

MongoDB, PostgreSQL, Firebase

FULL STACK DEVELOPMENT

MERN stack, PERN stack

MISCELLANEOUS

Git, Github, Postman, Figma, Trello, Photoshop

MISCELLANEOUS

Nationality: Nepali

Gender: Male

COURSEWORK

MERN stack

INTEREST

Travelling

Fitness

Self- Improvement

REFERENCE

Mr. Sujan Pokhrel

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