Nischal Adhikari
Software Developer

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

EXPERIENCE

Full-Stack Developer
DynoTech Global

Lokanthali, Bhaktapur
Feb, 2023 - Aug, 2024

- Enhanced the older CRM and other existing projects by adding features and various other functionalities.
- Worked on developing major systems like **DynoCRM, ChibiHR, Masterflutter, TXTBond**.
- 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.

Frontend Developer
Spell Innovation

Pipal Bot, Mid Baneswor
Aug, 2024 - present

- Enhanced the older ERP and other existing projects by adding features and various other functionalities.
- Worked on building multi-tenant systems and developing major systems like **SMS(school management system)**.
- 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.
- 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 particapated 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 browses 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, ANTDesign   *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 all frontend components and integrating features on it.
- Colloborate with backend developers to create new features.

DynoCRM | MERN stack, Typescript, Next.js, TailwindCSS, ANTDesign   *Link to project*

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

ChibiHR | MERN stack, Typescript, Next.js, TailwindCSS, ANTDesign   *Link to project*

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

GBM SMS | MERN stack, Typescript, Next.js, TailwindCSS, ANTDesign   *Link to project*

- A SMS application for **"Gomendra Birta Model English School"** for managing students, teachers, staff and many more.
- Responsible for creating all frontend components and integrating features on it.
- Colloborate 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 all frontend components and integrating features on it.

TPA | MERN stack, Typescript, Next.js, TailwindCSS, ANTDesign   *Link to project*

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

SMS | 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.
- Responsible for fetching data and implementing 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.
- Responsible for fetching data and implementing new features on the system.

SKILLS

FRONTEND DEVELOPMENT

HTML, CSS, JavaScript, Typescript, TailwindCSS, Bootstrap, MaterialUI, ANTDesign, styled Component, ReactJS, NextJS, Wordpress, Astro, Flutter

BACKEND DEVELOPMENT

NodeJS, ExpressJS

DATABASE

MongoDB, PostgreSQL, Firebase

FULL STACK DEVELOPMENT

MERN stack

MISCELLANEOUS

Git, Github, Postman, Figma

MISCELLANEOUS

	COURSEWORK	INTEREST
Nationality: Nepali	MERN stack	Travelling
Gender: Male	Flutter	Fitness
		Self- Improvement

REFERENCE

Mr. Sujan Pokhrel

Founder & CEO, *DynoTech Global*

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