



Abhishek Thapa

Software Developer

/ Key Facts

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|-----------------|-------------------------------|
| Degree | BSc. Hons. in Computing |
| Languages | English (B2), Nepali (native) |
| Work experience | 3 years |

/ Top Skills

Programming

- NodeJS
- TypeScript
- JavaScript
- PHP

Frameworks

- ExpressJS
- NestJS
- Laravel
- React
- Wordpress

Testing

- E2E
- Unit
- Jest

DevOps/Tools

- Git
- Docker
- MySQL

/ Management Summary

- Led biometric registration for NHPC and NPC students, ensuring accurate data collection before exams.
- Assisted in orchestrating the Indian Embassy Scholarship (COMPEX Exam 2023), managing logistics and execution.
- Conducted weekly Computer Based Exams (CBE) for IOE preparation, overseeing technical setup and coordination.

/ Project

| | |
|---------------------|-------------------------------|
| Project | Hrlabs (01.02.2023 - present) |
| Project role | Frontend Developer |
| Sector | Human Resource Management |

Project description

A HR solutions system with features for attendance, payroll, leaves and holidays.

Tasks

- Develop new features
- Build reusable code and libraries for future use
- Ensure the technical feasibility of UI/UX designs
- Assure that all user input is validated before submitting to back-end

Team size

7

Technologies

TypeScript, React, NextJS,

/ Project

| | |
|---------------------|--|
| Project | Location Based Attendance System (02.2023 – 07.2023) |
| Project role | Full Stack Developer |
| Sector | Attendance Management System |

Project description

The "Location-Based Attendance System" is an innovative technology solution designed to streamline and enhance attendance tracking for educational institutions and workplaces. By leveraging geolocation technology and mobile devices, this system aims to provide a more accurate, efficient, and convenient way to record attendance, ensuring transparency and minimizing administrative efforts.

Tasks

- Design the architecture for geolocation integration and geofencing.
- Develop mobile app for both iOS and Android platforms.
- Integrate user interfaces with backend systems
- Integrate GPS and geolocation services for real-time location tracking.
- Develop a dashboard for administrators to monitor attendance

Team size

4

Technologies

TypeScript, React, NextJS, Flutter, Laravel, MySql

/ Project

| | |
|---------------------|---|
| Project | International tourism management portal (10.2022 - 02.2023) |
| Project role | Fullstack Developer |
| Sector | Tourism |

Project description

The solution for the international tourism business includes a booking website with chatbot system with video call function, a ticketing system, property management, CMS and a complete ERP.

Tasks

- Design and develop UI to consume REST API
- Debugging and bug fixes
- Development of robust backend

Team size

6

Technologies

TypeScript, React, NextJS, laravel, MySQL, Microservices, PostgreSQL, NodeJS, Git

/ Project

| | |
|---------------------|--|
| Project | Disability Management (12.2022 – 01- 2023) |
| Project role | Full Stack Developer |
| Sector | Human Resource Management |

Project description

The "Disability Management System" is a comprehensive software solution designed to support individuals with disabilities and the organizations that serve them. This system aims to streamline the process of managing disabilities, from assessment and intervention to tracking progress and providing necessary support. By offering a centralized platform for communication, documentation, and collaboration, this system seeks to enhance the

Tasks

- Deploy the system to a staging environment for final testing.
- Address any issues identified during the testing phase.
- Once validated, deploy the system to a production environment for public access.
- Implement user registration, login, and authentication functionalities.

Team size

2

Technologies

Laravel, MySql

/ Project

| | |
|---------------------|---|
| Project | A knowledge sharing platform with elements of gaming. (05.2022 - 09.2022) |
| Project role | Developer (Backend) |
| Sector | Education |

Project description

This system enables learning among peers with rewards and a feel of gaming through badges, streaks, leaderboards.

Tasks

- Design database schema
- Develop REST API
- Gather and address technical and design requirements
- Collaborate with front-end developers to integrate user-facing elements with server side logic

Team size

6

Technologies

NextJS, TypeORM, Git, MySQL, Jira, Jest

/ Project

| | |
|---------------------|--|
| Project | Capacity and Project Management Tool (09.2021 - 04.2022) |
| Project role | Developer (Frontend) |
| Sector | Human Resource / SaaS |

Project description

An efficient tool to plan the team's capacity, calculate the velocity, manage availability and generate reports for multiple teams in an organization.

Tasks

- Research on authentication and integration with Jira
- Helping product owners to create tickets and define tasks better
- Debugging and bug fixes

Team size

5

Technologies

React, NodeJS, Jira, Redux, Google Cloud, Jest

/ Project

| | |
|---------------------|--------------------------------|
| Project | E-Commerce (03.2021 - 09.2021) |
| Project role | Fullstack Developer |
| Sector | Industry |

Project description

An online book store with option to buy books in bulks as requested, includes content management system as well as different payment integration

Tasks

- Design and develop an e-commerce website
- Collaborating with other team members to achieve company goals.
- Maintaining and updating the application.
- Testing and fixing bugs or errors found in the application.

Team size

5

Technologies

laravel, PostgreSQL, NodeJS, HTML, MySQL, Git, Github Action, SCRUM, Google Analytics

/ Project

| | |
|---------------------|--|
| Project | Data Visualization (01.2021 - 03.2021) |
| Project role | Developer (Frontend) |
| Sector | Data Management |

Project description

A platform for processing data from a csv file from another application and displaying it all in graphs.

Tasks

- Design and develop UI to consume REST API
- Debugging and bug fixes
- Visualising the data in graphs
- Maintaining the website

Team size

10

Technologies

React, Docker, TypeScript, Git, SCRUM

/ Project

| | |
|---------------------|--|
| Project | Food Managment Trade and Concern (02.2020 - 05.2020) |
| Project role | Fullstack Developer |
| Sector | Industry |

Project description

A dynamic website of content management system with integration of facebook and twitter page.

Tasks

- Create dynamic website.
- Writing new web content and editing existing content.
- Editing and proofreading new content before publication.

Team size

3

Technologies

laravel, MySQL, Gitlab CI

/ Project

| | |
|---------------------|---|
| Project | Nepal Health Professional Council (06.2020 - 01.2021) |
| Project role | Fullstack Developer |
| Sector | Industry |

Project description

The "Medical Professional Registration and Licensing Website" is a comprehensive online platform designed to streamline the process of registering, qualifying, and granting licenses to medical professionals. This platform aims to facilitate efficient communication and management between applicants, examiners, and administrators, ensuring a smooth and secure experience for all stakeholders involved

Tasks

- Develop a user-friendly website with a responsive design.
- Automate the application, examination, and licensing workflows.
- Ensure data security and compliance with relevant regulations.
- Enhance communication between stakeholders through an integrated messaging system.
- Improve the efficiency of the medical professional registration and licensing process.

Team size

3

Technologies

laravel, MySQL, Gitlab CI, VM