Animesh Nepal

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BACKEND DEVELOPER

Detail-oriented and analytically adept, I am an IT professional with a year of experience as a Backend Developer. Known for exceptional analytical skills and a commitment to thorough independent research, I've received commendations for effective communication and social skills. As a Backend Developer, I've contributed to various projects, including enhancing backend systems and APIs for multiple websites. I've also worked on improving website accessibility for differently-abled users and enhancing user personalization and security measures. My multifaceted skill set and proven track record make me a valuable asset in any professional setting.

KEY COMPETENCIES

Django	Python	Wagtail	ElasticSearch
Django Rest Framework	Celery	Docker	Javascript
PostgreSQL, MongoDB	Redis	RabbitMQ	NodeJs

PROFESSIONAL EXPERIENCE

Open Learning Exchange Nepal   Jan 2023 - Present

Backend Developer   Apr 2023 - Present

- Worked with Wagtail to architect, implement, and maintain a scalable backend server for a CMS website.
- Maintained APIs for multiple websites, including involvement in continuous integration/continuous deployment (CI/CD) processes with docker for both offline and online versions.
- Enhanced website security for a large active user base, focusing on securing and safeguarding user data as well as website from any intrusion.
- Utilized Plotly, Geopandas, and GeoIP to implement a analytical system to provide administrators with insights into user behavior and usage statistics on websites through dynamic charts and maps.
- Managed and implemented features on a production website with tens of thousands of active users, extensive content, and millions of interactions.
- Worked with multiple third-party APIs, including Google Maps API, Google Analytics API, GeoIP, and Mailchimp, to integrate diverse functionalities and enhance the user experience.
- Worked on a multilingual site, addressing the complexities of providing content and user experiences in multiple languages.

Backend Developer Intern   Jan 2023 - Mar 2023

- Led system upgrade of entire site to a newer stable version, including Django, Elastic and PostgreSQL.
- Developed a multi-user authentication system and dashboards.
- Upgraded website for enhanced accessibility for differently-abled and visually impaired users.
- Worked on both live and offline versions of the web application.

Notable Project Involvements

- E-Pustakalaya - pustakalaya.org
- Olenepal - olenepal.org
- Gradewise - gradewise.pustakalaya.org

PERSONAL PROJECTS

BloodBank (Django MVT) - bloodbank-sand.vercel.app
- Developed a full stack web application using Django, PostgreSQL, and Bootstrap 5.
- Built an inventory management system for a blood bank, enabling efficient tracking and management.
- Implemented client-side features for blood requests and event sign-ups.
- Created a custom admin dashboard, enhancing the user experience.
- Collaborated with the Rotary Club to gather requirements for blood inventory information.

Gadgetly (Node and React) - gadgetly-client.vercel.app
- Built an ecommerce store API using Node.js, MongoDB, and JWT authentication.
- Developed comprehensive API endpoints for both the client and admin sides.
- Followed Test Driven Development (TDD) principles to ensure system reliability and functionality.
- Collaborated with team members to deliver a high-quality product meeting ecommerce store requirements.

Food Vendor Android Application - (Flutter and Node):
- Conducted research on utilizing GPS tracking in e-commerce to enhance user experience and transparency in deliveries.
- Developed a full stack Android application for restaurants.
- Implemented real-time package tracking based on research findings.
- Improved user experience and transparency during deliveries.
- Leveraged GPS technology to enhance package tracking capabilities.

EDUCATION

Bachelor of Science in Computer Science (Honours)

Coventry University
2019 - 2022

High School (Science)

Triton International College
2017 - 2019

REFERENCES

Open Learning Exchange Nepal

Bishal Pokharel - Lead Software Developer
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