Lekhnath Oli

FullStack Engineer

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Software Engineer with a Bachelor Degree in Computer Science having 5 years of experience in Frontend, Backend and Database design. Highly adept using JavaScript, ReactJs, NodeJs, NestJs, Laravel, MySQL, PostgreSQL, MongoDB and strong background in Analyzing, Designing, Developing, and Testing. I display a good understanding of what is required to work within an organization as a team.

PROJECT EXPERIENCE

Campaign-brain

- Developed Restful APIs to facilitate seamless communication between frontend and backend componenets.
- Conducted unit testing using Jest within the Nest Js framework to proactively identify and address potential issues during development.
- Implemented database models and optimized queries using PostgreSQL ensuring data integrity.
- Designed and developed the user interface for Campain Brain web application using React Js.
- Leveraged React Query library for efficient asynchronous state management.
- Utilized react-form-hook and Yup resolver for robust form validation.
- Technologies Used:
  - JavaScript, TypeScript, Nest Js, PostgreSQL, Type-ORM, React Js, Bootstrap, React-Query, React-form-hook, Jest

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- Created RESTful APIs on Nest Js, leveraging stable diffusion for text-to-image generation.
- Integrated Clip-drop for image background enhancement.
- Utilized GPT to generate captions and taglines for social media posts.

- Built image editing tools in React Js with Polotno Js framework.
- Implemented PostgreSQL for efficient storage and retrieval of AI-generated images in JSON format.
- Utilized Redux Toolkit for state management.
- Technologies Used:
    - Nest Js, React Js, TypeScript, Stable diffusion, GPT, Clip-drop, Polotno, Redux-toolkit, PostgreSQL

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- Built the React reusable component ensuring reusability and for future use.
- Helped the team in fixing bugs as well as worked on assigned task with consistent coding style.
- Collaborated with senior developers for design and develop new project features.
- Implemented and added localization to support multiple languages on the web app.
- Technologies Used:
    - React Js, Express Js, Nest Js, React-Bootstrap, Knex Query Builder, Javascript

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- Rebuild and refactor the reusable web app interface.
- Worked closely UI/UX to inform the direction of feature we craft.
- Crafted, audited and improved design, accessibility and overall functionality of product.
- Delivered an overall fast, accessible and silky smooth user experience in the app.
- Rebuilt Prejury candidate selection flow from group up with React.
- Technologies Used:
    - React Js, React-Redux, Saga, Formik,React Bootstrap, Sass, Javascript, TypeScript

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WORK EXPERIENCE

Full Stack Engineer, Fusemachines, Nepal
2022 - Present

- Build Rest Apis using Node Js/Nest Js and diverse database using MongoDB and PostgreSQL.
- Developed and maintained web interface for multiple clients most especially with cutting-edge React Js technology.

- Assumed a key role in recruiting and guiding Full Stack inters, fostering their professional growth throught-out their internship tenure.
- Maintained best practices in JavaScript frameworks and emerging technology.
- Utilized Jest for writing unit test for Backend Apis.
- Participated in Agile development methodologies, including sprint planning, daily stand-ups, and retrospective meetings.

Full Stack Engineer, Aiex Technology
2020 - 2022

- Analyze, design and develop web applications, employing in React Js and Express Js.
- Collaborated with stackholders to understand project objectives and deliver solutions that met expectations.
- Responsible for meeting project expectations and ensuring the timely delivery of high-quality results.
- Demonstrated autonomy and the ability to work independently, contributing to streamlined project execution.
- Demonstrated and strengthened leadership qualities through effective management and collaboration.
- Lead a team of two inters, providing mentorship, task management and skill development support to foster their professional growth.

Backend Engineer, Cartmade Ecommerce
2019 - 2020

- Gained hands-on experience in PHP development while working on real-world projects.
- Collaborated with the development team to create and maintain robust and scalable Laravel-based applications.
- Assisted in the design and implementation of Restful Apis.
- Worked on debugging and troubleshooting tasks to identify and resolve issues promptly.

SKILLS

- **Programming Language:** TypeScript, JavaScript, Node Js, Python
- **Libraries:** React Js, Jquery, ChartJs, Pandas, NumPy, Matplotlib
- **Framework:** Nest Js, Next Js, Express Js, Jest
- **Database:** PostgreSQL, MySQL, MongoDB
- **Cloud Deployment:** AWS(EC2)
- **Version Control System:** Git, AWS Code Commit

TRAININGS

- [Design Pattern in JavaScript](#)
- [NestJs: The Complete Guide](#)
- [JavaScript: The Hard Parts v2](#)
- [Introduction to Node.js v3](#)
- [Git and GitHub](#)

EDUCATION

- **Bachelors of Science in Computer Science and Information Technology (BSc. CSIT)**
  Amrit Science Campus, TU
  2020

- **Higher Secondary (+2) in Science**
  Padmodaya Public HSS Dang, HSEB
  2016