

Dedicated and Innovative Frontend Developer with a Strong Background in Full-Stack Development, UI/UX Design, and DevOps. Experienced in building responsive and visually appealing web applications, passionate about creating seamless user experiences, and constantly staying updated with the latest industry trends and technologies.

Employment

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| Frontend Intern | Proshore | Apr 2023 – June 2023 |
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- Built a time-tracking application using React and TypeScript for company's 100+ employees.
- Saved 100's of dollars monthly by eliminating the need for the premium Clockify plan while providing essential time tracking features tailored to their specific requirements.
- Collaborated closely with the backend team, actively participating in API integration and ensuring seamless communication between frontend and backend components.
- Utilized Tailwind and Material UI to create visually appealing designs delivering a modern and intuitive user experience

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| Devops Intern | Tai Inc | Dec 2022 – Mar 2023 |
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- Implemented CI pipelines, Dockerfile configurations, and executed production deployment tasks for integrating an AI-powered chatbot into the company's website.
- Assisted in resolving deployment-related issues, SSH configuration, Docker utilization, and database management from start till finish for an e-commerce php application.
- Leveraged multiple AWS services including but not limited to Ec2 instance, load balancer, and auto-scaling, cloudformation etc to deploy scalable applications for multiple projects.
- Developed terraform scripts to provision infrastructure on AWS promoting reusability and maintainability.

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| Backend Intern | Moru | Apr 2022 – Oct 2022 |
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- Created multiple API endpoints to consume for a in-house blog application using Python and Postgres.
- Wrote multiple unit and integration tests using Pytest, ensuring a minimum of 80% code coverage.
- Worked closely with Frontend and Mobile Team in design/feature discussions, API integration, code-review etc ensuring the project gets completed before time.
- Leveraged knowledge in Git, Flask, SQL, API development, Database Design, PostgreSQL, Pytest

Languages and Technologies

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- **Programming Languages:** Java, Python, JavaScript
 - **Technologies:** PostgreSQL, MongoDB, Firebase, Docker, Kubernetes, AWS, CI/CD, Git
 - **Other:** React, Node, Nest, Flask

Projects

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- **Fullstack Blog Application:** Full stack web application in Python with Focus on Modern API Design Principles. Concepts Include authentication and authorization, media uploads, dynamic HTML generation, etc.
 - **Technical Blogging on Personal Blog:** Detailed article on technologies such as DevOps and Web Development.

Education

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| Kathmandu, Nepal | UCSI University | Mar 2021 - Present |
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- Major: Software Engineering, B.S.C(Hons)
- Coursework: Algorithms and Data Structures, Operating Systems, Database Management Systems, Computer Organization and Architecture, Object Oriented Analysis and Design, Object Oriented Programming, Networking

Additional Experience

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- **SecurityPal Hackathon (2023) (First Runner Up):** Developed an events management web app to list all the local events with the intent of community formation and increasing participation rate in events. Utilized: Python, Flask, SQLite.
 - **Kubernetes trainer (2023):** Gave comprehensive Kubernetes training session to the entire tech team, comprising over 30 members, facilitating their understanding and adoption of containerization and orchestration technologies.