Binit Rupakheti

Software Engineer

Kalanki, Kathmandu

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Experience

Software Engineer I
Kathmandu, Nepal

Infinite Computer Solutions Pvt. Ltd.   2023 - Present

- Collaborated with a multi-national, cross-timezone agile team to enhance and maintain services and workflows related to healthcare domain.
- Utilized C#, .NET, Angular and SQL Server to develop and maintain existing workflows and applications.
- Contributed to the maintenance of Bamboo and Octopus pipelines for CI/CD processes, including writing one-off scripts to address minor issues as they arose.
- Utilized Veracode and SonarQube to ensure code quality and security on every pull request.
- Utilized AWS services such as S3, Lambda, and API Gateway to build and enhance serverless workflows along with their integration to already existing non-serverless workflows.
- Utilized Infrastructure as Code (IaC) tools like Terraform to manage and provision AWS resources.
- Actively participated in scrum ceremonies, including daily stand-ups, sprint planning, and retrospectives, to foster effective team collaboration and ensure project alignment.
- Developed and maintained technical documentation for workflows and applications.
- Assisted in troubleshooting and debugging issues in production environments.
- Contributed and maintained multiple microservices using C# and .NET Framework and .NET Core.

Full Stack Developer Intern
Kathmandu, Nepal

Fusemachines Nepal Pvt. Ltd.   April 3, 2023 - July 5, 2023

- Utilized the MERN stack to develop a full-stack web application for internal use.
- Collaborated with a team of developers to create a user-friendly interface and implement backend functionality.
- Utilized S3 for file storage and retrieval, mainly for storing user-uploaded profile pictures.
- Implemented backend apis using Node.js and Express, including user authentication and authorization.
- Utilized MongoDB for data storage and retrieval, including implementing data validation.

Projects

Crust Programming Language
⌂ rupakhetibinit/crust

- Developed a custom interpreted programming language using Rust.
- Implemented a REPL for evaluating expressions and executing statements.

Skills

Languages	C#, **TypeScript**, SQL, Javascript, Rust, Zig, Odin
Spoken Languages	**English**, Nepali
Frameworks	**.NET Core**, Angular, Node.js, React.js, Next.js, Express.js
Programs	**Excel**, Word, Powerpoint, Visual Studio

Education

Kathmandu Engineering College
Kalimati, Kathmandu

Bachelor's of Computer Engineering   2018 - 2023

- Completed a Bachelor's degree in Computer Engineering with a focus on software development and engineering principles.
- Participated in various projects and internships to gain practical experience in the field.
- Created a Mobile Application for the minor project using React Native and Node.js for the backend along with an admin panel using Next.js.
- Created a AI based web application for realtime sentiment analysis of tweets from the twitter-api using Python and Flask for the backend along with a React.js frontend.