Manjil Tamang

Software engineer with experience in designing, developing, and executing enterprise-level applications and a proven track record of founding and growing software products from ideation to launch.

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Work Experience

Founding Software Engineer, **Yatri Motorcycles** Sep 2020 - Present

- Worked on a diverse array of responsibilities, encompassing talent acquisition and team management, as well as the end-to-end processes of designing, developing, and executing highly scalable software systems from ground up, significantly contributing to securing Series A funding for the organization.

- Played a central role in orchestrating the comprehensive transformation of the company's software ecosystem, overseeing pivotal changes across critical components, including the off-vehicle software, charge station's network, digital wallet, and other essential elements resulting in a staggering 12-fold increase in the company's valuation over a span of just 3 years

- Led a cross-functional team of engineers, designers, and product managers in the development and launch of a groundbreaking charge station software solution, which went on securing a substantial $300,000 USD grant from USAID

- Spearheaded the automated data-driven approach proven instrumental for both the sales and engineering teams, enabling them to harness real-time analytics and contribute to a remarkable revenue surge of 300% within a year

- Actively contributed to business strategy and product roadmap, aligning technology decisions with the company's growth objectives

Software Engineer, **Vortex Technology** Oct 2019 - Aug 2020

Front-End Developer Feb 2019 - Oct 2019

- Collaborated with cross-functional teams to develop innovative software products, translating client requirements into technical solutions

- Designed and implemented RESTful APIs for Backend services, facilitating seamless communication between Frontend and Backend systems

- Utilized AWS services (EC2, S3, Lambda, RDS) to build and deploy cloud-based solutions, reducing infrastructure costs by 25% while improving scalability and reliability

- Developed and maintained Backend APIs and services, optimizing performance and scalability, resulting in a 30% decrease in server response times

- Implemented CI/CD pipelines, automating the software release process, which led to a 40% reduction in deployment errors and faster release cycles

- Leveraged Docker for containerization, simplifying application deployment and enhancing portability

- Implemented unit testing and code reviews, improving code quality and reducing bug count by 30%

Front-End Developer Intern, **Expresiv Studios** Jun 2017 - Aug 2017

- Implemented responsive design techniques to ensure optimal display on various devices

- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, React, Angular.js, jQuery and Bootstrap

- Collaborated with the UI/UX team to ensure a seamless and visually appealing user experience

Skills

Programming languages

JavaScript, TypeScript, Node.js, Java, SQL, NoSQL, HTML, CSS, Sass, Python

Libraries & Frameworks

React, Next.js, Gatsby, React Native, Svelte, Tailwind, GraphQL, Express.js, Spring Framework, Elasticsearch, Hibernate

Tools & Platforms

Git, GitHub, AWS, GCP, Redis, Netlify, Vercel, Docker, Vite, Strapi, Firebase, Github Actions, Travis CI, Nginx

Selected Projects

Ease Nepal

Open-source platform dedicated to make daily life of Nepalese people bit easier

Mongoose Utils

Easy lightweight utility library to make mongoose query easier

Face Recognition App

Face detection and facial recognition web application with 90+ stars and 70+ forks

Achievements

Person of the Year - 2022

Awarded person of the year (2022) by Yatri Motorcycles for excellence in leadership and product delivery

Education

London Metropolitan University

BSc (Hons) in Computer Science

Interest

Traveling, coding, beer, music, video games, anime, mindfulness