

# 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
- Initiated 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.
- Collaborated with investors and stakeholders to secure multiple rounds of seed investments and series A fund to fuel company growth

### Software Engineer, **Vortex Technology** Oct 2019 - Jul 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 2018 - Aug 2018

- 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

## Skills

### Programming languages

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

### Libraries & Frameworks

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

### Tools & Platforms

Git, GitHub, AWS, 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