

# Manjil Tamang

## Full Stack Software Engineer

Software engineer with a knack for solving real-world problems using computer technologies

✉ lamamanjil@gmail.com

📍 New York, United States

🌐 linkedin.com/in/manjiltamang

📞 +977 9803 587 436

🌐 manjiltamang.com

🐙 github.com/manjillama

## WORK EXPERIENCE

### Lead Software Engineer Yatri Motorcycles

09/2020 - Present

#### Achievements/Tasks

- Led a small team of engineers as a founding software engineer contributing to designing, developing, and maintaining highly scalable automated systems.
- Spearheaded overall company's software ecosystem including charge station's network, off-vehicle software, wallet, etc., improving the company's overall portfolio.
- Fueled additional revenue stream by initiating and leading energy and public transportation e-ticketing software system.
- Revamped the tech stack and server architecture, resulting in a 60% decrease in server costs.
- Designed and developed reusable software components/libraries in 5 projects, reducing development effort by 200%.
- Automated process to create usage and transaction graphs, stats, etc. which the sales and engineering team uses to boost revenue by 300%.
- Independently developed the company's primary website, blog, and online store sites, boosting the company's overall brand image.

### Full-stack Engineer Vortex Technology

10/2018 - 09/2020

#### Achievements/Tasks

- Shifted from a monolithic to a microservices architecture to ensure scalability and performance with clustering, database caching, and more. Developed CI/CD pipelines to automate deployment and deliver code changes more frequently and reliably.
- Front-end development with React, Redux, Vanilla JavaScript, Angularjs, SASS, etc., and Back-end development using Express, and Node.js.
- Deployment on cloud services using DigitalOcean and AWS services i.e S3, EC2, EBS, Route 53, CloudFront, Lambda, etc.

### Software Engineer Vortex Technology

08/2017 - 10/2018

#### Achievements/Tasks

- Front-end development ensures the best UX keeping an eye on current on-trend UI design.
- Upgraded the site's overall performance using next-generation JavaScript frameworks and libraries like Angular.js and React.
- Writing unit test, integration test, e2e test using jest, enzyme, puppeteer, etc.

### Software developer intern (Front-end) Expresiv Studio

07/2016 - 09/2016

#### Achievements/Tasks

- Collaborated with a small team to help plan SRS and development of high-performance focused front-ends.
- Front-end development using Bootstrap, JQuery, Javascript, HTML5, and CSS3.
- Design web/app mockups, graphic wireframes, icons, and logos using Illustrator, Photoshop, and Sketch.

## SKILLS



## ACHIEVEMENTS

### Person of the year (2022)

- Was awarded person of the year (2022) by Yatri Motorcycles for excellence in leadership and product delivery.

### Spearheaded Yatri Energy, Yatri off-vehicle, Yatri wallet, and public transportation e-ticketing software projects

- from design to distribution as a lead software engineer in a 6-10 people team

### Coordinated a two years-long release of a five-part platform project

- With other engineering departments, sales, finance, and BA.

### Significantly improved query efficiency and overall performance

- By implementing the in-memory caching solution and shifting some of the independent databases from SQL to NoSQL. Optimized docker image builds and CI/CD pipelines. Introduced microservices-based architecture and load balancing.

### Active open source contributor

- Created a Mongoose utility package that comes with pagination, advance filters, sorting, etc. out of the box. Developed a BaaS service for small restaurant owners, a lightweight yet highly customizable React modal to name a few.

## EDUCATION

### BSc (Hons) in Computer Science

London Metropolitan University

## INTERESTS

