







# Shimanshu Yadav

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## Experience

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### Oneture Technologies.

March 2024 – Present

#### Full Stack Developer

Mumbai, Maharashtra

- Engineered a crucial **Golang-based batch processing program** that efficiently handled **4-5 million** customer records using **optimized concurrency**, significantly boosting operational performance.
- Developed and successfully deployed **5 microservices** using **React + TypeScript, Golang** and **Nodejs**, enhancing the **digital infrastructure** for a major Indian banking client.
- Implemented efficient **state management** using **React and Redux**, optimizing the **user journey** and significantly improving **customer experience**.
- Engineered multiple **batch processing and report generation programs** in **Golang**, reducing the **Ops team's workload by 30%** through automation and efficiency improvements.
- Took **ownership of projects** from inception to deployment, ensuring **quality** and **timely delivery** of all projects, earning the **Employee of the Month** award.
- Contributed to the development of critical modules, including an **e-signature module** and a **crypto module**.
- Utilized **AWS and Docker** for efficient deployment and scalability of services.
- Collaborated closely with **business stakeholders** to thoroughly understand requirements and deliver **effective solutions**.

### Vernost Marketing Technology PVT. LTD.

April 2022 – March 2024

#### Software Engineer

Mumbai, Maharashtra

- Developed and maintained web applications using **Node.js, Express.js, Angular, MySQL, Redis, HTML, CSS, JavaScript** and other technologies.
- Worked on crucial features of loyalty applications such as **Rule Engine, Coupon Engine, Fraud Detection** etc.
- Wrote **clean, modular, and well-documented code**, adhering to best practices and design patterns, for effortless collaboration and future updates.
- Worked on **multiple projects for multiple clients**.
- In one project, **sole developer responsible for handling clients** and providing efficient solutions.
- Created **Angular component library** which is used in all projects.
- Guided and mentored freshers** in organization.

### Emortech Systems

Jan 2022– March 2022

#### Intern Software Developer

Remote

- Collaborated with the development team to design, implement, and maintain **server-side code** that powers the application's core functionality.
- Created **Microsoft and Slack bots** for various use cases.
- Investigated and resolved issues reported by users or detected through testing, **debugging code**, and providing solutions.
- Created **Express.js application backend from scratch** for blog websites.

## Education

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### Ramniranjan Jhunjhunwala college ( Mumbai University)

2019 to 2022

Bachelor of Science in Computer Science (CGPA 9.4)

Mumbai, Maharashtra

\* **Relevant Coursework:** Data Structures and Algorithms , Python, Web Development , Relational Database Management Systems

## Projects

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### **HTTP Server** | *Golang, HTTP, TCP, NET Package*

- \* Built an HTTP/1.1 server that can handle multiple clients simultaneously.
- \* Gained a deep understanding of TCP servers, HTTP request/response syntax, and networking concepts.
- \* Implemented the server logic in Golang with the entry point located at `app/server.go`.

### **Satbara Agriculture App** | *Node.js, Express, MongoDB, REST APIs*

- \* Developed backend services using Node.js and Express.js to serve APIs for over a million users.
- \* Utilized MongoDB for data management and implemented RESTful APIs for the mobile application.
- \* The app facilitates farmers by providing easy access to agricultural records and information.

### **nand 2 tetris** | *Hardware, Software*




- \* In-progress project that involves constructing a computer from scratch using NAND gates.
- \* Covers both hardware logic design and software development, teaching the foundations of computer architecture.
- \* Includes the design and implementation of a fully functioning CPU and memory system.

## Technical Skills

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**Languages:**  JavaScript,  TypeScript,  Golang,  Python

**Frontend:**  REACT,  ANGULAR,  SCSS,  HTML,  CSS, Tailwind

**Backend:**  Fiber (Golang),  Node.js,  Express.js

**Database:**  MySQL,  Oracle db,  MongoDB,  Redis

**Devops:**  AWS,  Docker

## Awards

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1. 1'st Prize for project presentation in inter-collegiate fest organized by Pune Vidyarthi Griha.