

# RAKTIM GOGOI

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## SUMMARY

Detail-oriented and dedicated Software Engineer with over 3.5 years of hands-on experience in core development utilizing **JavaScript, Node.js, Elasticsearch and MongoDB**. Proficient in **building robust API configurations**, implementing efficient aggregation pipelines, and optimizing code-based calculations. Skilled in designing configuration-driven UIs, collaborating with global teams, and troubleshooting software issues. Demonstrated expertise in modern web development technologies such as ReactJS, HTML, CSS, and RabbitMQ. Adept at following **Agile principles, documenting features, and structuring data for optimal performance**. Committed to building reusable components and ensuring high-quality code through the use of data structures and algorithms. Holds a B.Tech in Computer Science Engineering with a strong academic record.

## EXPERIENCE

### Engineer | Indus Valley Partners | Noida, India | June 2021 - Present

- Write day-to-day code for fixing bugs and enhancing Product functionality and stability using JavaScript, and NodeJS as backend language.
- Build APIs that allow different software applications to communicate with each other.
- Make Mongo views and aggregation pipelines for filtering datasets more effective and fast.
- Work on different Load Balancer Technologies such as pm2, and Nginx.
- Implement different NPM modules.
- Write optimized codes using Data Structure.
- Documentation of new features and module build.
- Configure and deploy CI/CD pipelines.
- Work with RabbitMQ.

### Web Developer Intern | Verzeo Edu Tech Pvt. Ltd. | Bangalore, India | January 2021 - May 2021

- Build UI based on client Requirements.
- Enhance, modify, or add new features to the Organization's Website.
- Developed user interfaces with modern
- JavaScript frameworks, HTML5, and CSS3.

## PROJECTS

### Authentication using Oauth for Outlook and Gmail | (Innoscripta AG) | June 2024

- Sign in using Authentication process of Gmail or Outlook.
- Saves user details in local DB.
- Read all emails using Imap and stores in LocalDB.

### Rester Module for inter product API call handling | Indus Valley Partners | July 2023 - September 2023

- Created a new module to integrate with our product to respond to API calls and perform operations.
- Integrated Redis server for processing jobs and queues quickly.
- Creates audit for all the operations done and updates on DB records.

### FxRates Converter for client Morgan Stanley | Indus Valley Partners | February 2022 - February 2022

- Fx Rates Calculator to calculate financials as per market rates (USD, INR, YEN, etc) which picks real-time values.
- The conversion loads in the UI, showing the currency name getting converted to and the fxRates accordingly.
- Fetch data from DB and store in the cache unless any change occurs, reducing loading time by 30%.

### Auto Report Generation and Send Schedule Mail | Indus Valley Partners | October 2021 - December 2021

- A bull-job scheduler triggers an event that fetches all the latest data from MongoDB using REST API build.
- Customized a single REST API to perform both "GET" and "POST" requests, modulizing to 1 module.
- Aggregation pipelines with variables that render using a mustache and sent for Mongo query increasing efficiency for search to 40%.
- Report created using pdf-make which attached to the mail template then sent to the client via Email using NodeMailer.
- Validate email IDs and check for duplicates if available, contain default handlings and checks required.

### Landing UI page. | Verzo EduTech | <https://verzeo.com> | January 2021 - April 2021

- Created the landing page for Verzeo, attracting traffic increased by 10% and conversion of leads gained.
- Build fully responsive UI and with all proper tags accumulated.
- Written in raw Javascript and CSS for making more lively and attractive.

## SKILLS

HTML5, CSS, JavaScript, NodeJS, MongoDB, SMTP, IMAP, ReactJS, RabbitMQ, Docker, Elasticsearch, Data Structures And Algorithm, Low Level Design, Object Oriented Programming, Load Balancer like pm2, Nginx, Linux, CI/CD pipelines.

## EDUCATION

Bachelor in Computer Science Engineering, | 83% | SRM University | Chennai, India | 2021  
Higher Secondary School | 75% | R.D Junior College | Digboi, Assam | 2017

## COURSEWORK

Backend Technology | Crio.do | Java, Springboot, NodeJS, MongoDB, JavaScript, NPM, PM2, Nginx | 2023