Open to opportunities across various **industries**, with a preference for **backend development** roles within reputable organizations. Strong focus on roles that allow further growth and contribution in **backend development; specializing in Node.js and related technologies**. Location preference includes **Mumbai, Pune** but open to relocate for the right opportunity.

CONTACT ME AT

Mumbai

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https://github.com/Rahul2322

EDUCATION

●● Bachelor of Engineering in Mechanical Engineering, YTIET Engineering College, Karjat – University Of Mumbai, 2017
●● **HSC,** C.H.M. College, Ulhasnagar - Maharashtra State Board, 2012
●● **SSC,** J.T.S. High School, Ulhasnagar, Maharashtra State Board, 2010

CORE COMPETENCIES

●● Software Development Lifecycle (SDLC)

●● Project Coordination

●● Backend Development

●● Coding & Testing

●● Containerization

●● Technology Integration

●● System Optimization

●● Performance Optimization

●● Troubleshooting and Debugging

●● Cross-Functional Collaboration & Communication

●● Technical Documentation

PERSONAL DETAILS
Date of Birth: 2nd March 1994
Languages Known: English, Hindi & Marathi
Address: Thane, Mumbai

Rahul Singh

PROFILE SUMMARY

- A **backend developer** with over **three years of experience**, specializing in **backend API development**, **server-side application design**, and **deployment**. Currently serving as a **Software Engineer** at **Euronet**, with expertise in **backend technologies** such as **Node.js**, **Express.js**, and **NestJS**, alongside strong capabilities in **database management** with **PostgreSQL** and **MongoDB**. Skilled in **technology integration**, **project coordination**, and ensuring adherence to the **software development lifecycle (SDLC)**.
- Proficient in **Agile methodologies**, **quality assurance** processes, and **performance optimization**. Experienced with **Docker** for **deployment** and well-versed in **API development**. Strong **troubleshooting**, **debugging**, and **technical documentation** skills, with a focus on maintaining efficient and scalable systems. Demonstrates a solid ability to collaborate with **cross-functional teams**, providing comprehensive support throughout the **project lifecycle**.
- Directed a recent initiative **that achieved substantial decrease in processing times** for backend operations, illustrating the capacity to enhance efficiency through creative solutions and meticulous strategic planning.
- Proficient in a **diverse range of programming languages and frameworks,** including JavaScript, TypeScript, and various database technologies, which enables the development of versatile and high-performing applications tailored to meet specific business needs.
- Recognized for a **strong ability to mentor junior developers,** fostering a collaborative environment that encourages knowledge sharing and skill development, ultimately contributing to a more cohesive and effective team.

WORK EXPERIENCE

Software Engineer | Euronet | Since Apr'24
Role:
- Developing a Node.js-based router system to efficiently manage and route requests to appropriate microservices based on dynamic configurations.
- Designing a master application to read configurations, initialize, and monitor multiple routers and their associated stations, ensuring streamlined operations.
- Implementing stations to handle core tasks such as message formatting and redirection using HTTP and TCP protocols to maintain seamless communication.
- Ensuring scalability, fault tolerance, and optimized communication within a microservices architecture, enhancing overall system performance and reliability.
- Collaborating with cross-functional teams to gather requirements, analyze system performance, and implement enhancements that align with business objectives and user needs.

Highlights:
- Developed and implemented a comprehensive logging and monitoring system that improved **incident response times,** ensuring higher system reliability and user satisfaction.
- Collaborated with product managers to define project scope and deliverables, resulting in a more **streamlined development process and an increase in project completion rates.**

Software Developer | Nimap Infotech | Dec'21 – Apr'24
Highlights:
- **Integrated third-party APIs** successfully, including QR code generation, gift voucher creation, and payment gateways (RazorPay, PayU, CCAvenue), as well as document verification through Karza and HDFC APIs.
- **Developed an API-driven invoice automation system**, reducing manual effort for the sales team by **70%** and streamlining invoicing processes.
- **Automated file sharing** using Exim Orion and implemented **cron jobs** for recurring tasks, improving operational efficiency.
- **Deployed applications using Docker** and optimized system performance through the implementation of **Redis caching**, ensuring faster data access and improved scalability.

TECHNICAL SKILLS

- **Backend Development:** Node.js, Express.js, NestJS
- **Frontend Development:** React.js
- **Languages:** JavaScript, TypeScript
- **Databases:** PostgreSQL, MongoDB, Redis
- **Tools & Technologies:** AWS Lambda, S3, EC2,Docker, Nginx, Git, Sequelize, TypeORM,Kafka
- **Web Development:** HTML5, CSS3
- **Development Environment:** Visual Studio Code, pgAdmin4, Postman, MongoDB Compass
- **Version Control:** Git
- **Operating Systems:** Windows, Ubuntu
- **Libraries & Frameworks:** Jest, SuperTest, ReactJS, REST APIs
- **Other Tools:** Node, NPM, Yarn, Unit Testing

UPI (Router)
Software Engineer | Mumbai | Apr 2024 – Present
Technologies: Node.js

- Designed & implemented a scalable **UPI system** in a **microservices architecture**, using **Node.js** as a router for seamless communication between services.
- Integrated APIs for dynamic request payload transformations and used **TCP/HTTP protocols** for flexible service compatibility.
- **Team Size:** 6

Muthoot Exim Digital Gold
Software Engineer | Mumbai | Oct 2022 – Apr 2024
Technologies: Node.js, Angular 8

- Developed an **omnichannel platform** for digital gold transactions, enabling purchases, sales, and redemptions.
- Integrated third-party **APIs** (QR codes, gift vouchers, payment gateways, document verification) and deployed via **Docker** with **Redis caching** for performance optimization.
- Automated file sharing with **cron jobs** and **Postman** for API documentation.
- **Team Size:** 6

Invoice System
Software Engineer | Mumbai | Mar 2022 – Oct 2022
Technologies: Node.js, React.js

- Developed an **automated invoice system** to streamline vendor and finance management, reducing **manual effort by 70%**.
- Created scalable, **API-centric** infrastructure and integrated with frontend for enhanced user experience.
- **Team Size:** 4

Kapalin Insurance Broking Pvt. Ltd.
Software Engineer | Mumbai | Jan 2022 – Mar 2022
Technologies: Node.js, Angular 8

- Developed an **insurance application** for managing car and health insurance.
- Led **API generation** and **frontend integration**, resolved bugs, and migrated the system from **PHP to Node.js**.
- Enhanced **API functionality** and optimized **database schema**, improving system performance by **60%**.
- **Team Size:** 4