



Rahul Yadav

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SUMMARY

Experienced Full Stack Engineer with 4+ years of expertise in developing scalable web applications using TypeScript, JavaScript, and various modern frameworks. Proven track record in both frontend and backend development, with a strong focus on performance optimization and user experience.

EXPERIENCE

Skواد

March 2024 – Present

Senior Full Stack Engineer

Gurgaon, IN

- Architected and implemented an end-to-end activity stream system using NiFi, Logstash, and Elasticsearch, enabling real-time tracking of user changes and dashboard visualization
- Developed a dynamic invoicing system with React frontend and NestJS backend, increasing client flexibility by 40% and reducing invoice processing time by 30%
- Designed and implemented RESTful APIs for seamless interservice communication between invoice and payroll services, improving data consistency by 25%
- Optimized database queries and implemented caching strategies, resulting in a 50% reduction in API response times

Talentica Software — Amplify.ai

Sep. 2021 – June 2023

Full Stack Engineer

Pune, IN

- Developed RESTful APIs using Express.js for template management, user authentication, and input validation, increasing system reliability by 35%
- Engineered a high-performance MMS to SMS conversion system, reducing messaging costs by 20% while maintaining delivery rates
- Led technical design initiatives and mentored junior developers, improving team productivity by 25%
- Implemented real-time monitoring and alerting using AWS Lambda and CloudWatch, reducing system downtime by 40%
- Optimized MongoDB queries and implemented indexing strategies, improving data retrieval speed by 60%
- Developed a scalable user ingestion feature using Node.js and React, capable of processing millions of users from Excel sheets with 99.9% accuracy

Zopsmart — Kroger

July 2020 – Sept 2021

Full Stack Developer

Bengaluru, IN

- Architected and developed a modular Node.js framework using TypeScript, improving code reusability by 40% and reducing development time by 30%
- Engineered a high-performance HttpClient with advanced caching and error-handling mechanisms, increasing API response efficiency by 50%
- Implemented OAuth 2.0 authentication and role-based access control, enhancing application security by 70%
- Developed a custom ORM and query builder, optimizing database operations and reducing query execution time by 45%
- Integrated Prometheus metrics and Grafana dashboards, providing real-time performance insights and reducing troubleshooting time by 60%

EDUCATION

Indian Institute of Technology, Roorkee

Roorkee, India

Bachelor of Technology in Electronics and Communication Engineering

July 2016 – May 2020

- GPA: 7.0/10.0
- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems, Web Development

TECHNICAL SKILLS

Frontend: React, Redux, HTML5, CSS3, Tailwind CSS, JavaScript (ES6+), TypeScript, Webpack

Backend: Node.js, Express.js, NestJS, GraphQL, RESTful APIs, Microservices

Databases: MongoDB, PostgreSQL, Redis, Elasticsearch

DevOps & Cloud: Docker, AWS (S3, Lambda, CloudWatch), Google Cloud Platform, CI/CD pipelines

Testing & Monitoring: Jest, Mocha, Chai, Selenium, Grafana, Prometheus

Version Control: Git, GitHub, GitLab

Other: Agile methodologies, JIRA, Confluence, Swagger, Postman