

Praveen Yadav

Senior Full-Stack Software Engineer

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Professional Summary

Senior Software Engineer with 4+ years of experience in full-stack development, specializing in JavaScript, Node.js, TypeScript, Reactjs and AWS. Experienced in designing scalable microservices and integrating cloud solutions (Lambda, API Gateway, S3, PostgreSQL, Cognito). Skilled in secure coding practices. Proven ability to deliver high-quality software, lead architectural discussions, and contribute to enterprise-grade application development.

Technical Skills

- **Languages:** JavaScript, TypeScript, SQL
- **Backend:** Node.js, Nest.js, Express.js, Serverless (AWS Lambda)
- **Frontend:** React.js, SvelteKit, HTML/CSS
- **Databases:** PostgreSQL, MySQL, Redis
- **DevOps:** AWS (API Gateway, S3, RDS, Cognito, CloudWatch), Docker
- **Testing:** Jest, Vitest, Unit/Integration Testing
- **Architecture:** Microservices, Event-Driven Systems
- **Other:** Web3, Git, GitHub, Bitbucket, Kafka, RabbitMQ, Agile, WebSockets, RCA, Documentation

Professional Experience

Senior Software Engineer

Full-Stack Development

Feb 2021 – Present
Chandigarh/Mohali, India

- Engineered event-driven microservices using **Node.js, Nest.js, PostgreSQL, Kafka** for fintech, blockchain, and consumer portal platforms
- Developed scalable consumer portal features using **Svelte** within microservices-based architecture, focusing on high availability and low latency
- Created architectural documents and contributed to system design discussions for scalable backend services
- Implemented comprehensive unit and integration testing using **Jest, Vitest**, improving code reliability and reducing production issues
- Collaborated with cross-functional teams to convert business requirements into well-defined technical features
- Led architectural discussions and delivered POCs to evaluate technology feasibility and align with strategic initiatives
- Investigated and resolved high-priority production issues through RCA and implemented long-term solutions
- Mentored junior developers and conducted knowledge-sharing sessions within cross-functional teams
- Delivered features aligned with NFR goals for secure data handling and optimal performance
- Delivered over 10 full-stack blockchain projects, improving efficiency and scalability
- Optimized performance, achieving 30% reduction in load times through code refactoring and caching strategies

Key Projects

GfK Consumer Portals

Sveltejs, Vitest, TypeScript, AWS Lambda

Nov 2024 – Present

- Developed consumer portal features using **Svelte** in microservices-based architecture
- Built server-side features and utilities with focus on modularity and maintainability
- Implemented comprehensive unit testing using **Vitest** to improve code coverage and reliability
- Enhanced Lambda-based services and AWS component integrations for optimal performance

Hydro: Monetization Platform

Nest.js, Reactjs, PostgreSQL, Kafka, Redis, Docker

Dec 2023 – Nov 2024
[dashboard.hydro.online](#)

- Architected event-driven microservices using **Nest.js, PostgreSQL, and Kafka**
- Designed scalable database structures to handle high-volume event processing
- Built real-time analytics dashboard with sub-200ms response times
- Led cross-functional team development and performed production troubleshooting

Education

R.I.E.I.T

B.E. in Electronics & Communication

Aug 2012 – Jul 2016
Punjab, India