

DEVANSHU RATHEE

Full Stack Developer

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Goal-oriented professional targeting roles in **MERN Stack Development** to build high-performance web applications, drive engineering excellence, and contribute to impactful, product-driven teams in a fast-paced tech environment.



PROFILE SUMMARY

- Highly focused professional with **over 2 years** of experience in building and scaling production-grade **MERN stack applications**, with a deep understanding of **React component architecture**, **Redux state management**, and **Express-based microservices design**.
- Capability to design modular, testable, and high-performance **Node.js back-ends**, integrating **MongoDB** for optimized document-based data modeling and query performance in high-throughput environments.
- Strong command of **software architecture patterns** including **MVC**, **service-oriented architecture (SOA)**, and **microservices**, enabling you to break down monoliths and modernize legacy systems into scalable solutions.
- Extensive experience **integrating third-party services** (goggle API & Razorpay) and **SDKs** (payment gateways, cloud storage, email services), enhancing system extensibility and enabling feature-rich frontend experiences.
- Focused on **security and best practices**, including **role-based access control (RBAC)**, data validation/sanitization, token-based authentication (JWT), and secure API lifecycle management.
- Skilled in **performance benchmarking**, memory profiling, and async behavior optimization in Node.js and React, ensuring responsive UIs and backend stability under load.
- Proficient at leading **Agile teams** and **mentoring junior developers**, conducting architecture reviews, **driving code quality** through **CI/CD pipelines**, and ensuring delivery of reliable and maintainable full-stack solutions.



CORE COMPETENCIES

- Back-end Architecture & Design
- API Development & Integration
- Scalable Web Applications
- Distributed Messaging Systems (AWS SQS, RabbitMQ)
- Cloud Computing & AWS Services
- Real-time Data Processing & Notification Systems
- Performance Optimization & Caching
- Automation & Workflow Streamlining
- Data Extraction & Web Crawling



TECHNICAL SKILLS

- Front-end Development:** JavaScript, React.js, Redux, HTML5, CSS3
- Back-end Development:** Node.js, Express.js, Python, Django Rest Framework (DRF), Flask, Spring Boot
- Databases:** PostgreSQL, MongoDB, Redis, SQL
- Cloud & DevOps:** AWS (S3, Lambda, SQS), Docker
- Messaging & Task Queues:** RabbitMQ, Kafka, AWS SQS, Django Celery Beat
- Monitoring & Observability:** Prometheus, Grafana
- Automation & Web Scraping:** Selenium, XPath
- API & Integrations:** RESTful APIs, Google APIs, Zoho, CRM Integrations
- Version Control & Collaboration:** Git



EDUCATION



2021: B.Tech. in Computer Engineering from Delhi Technological University, New Delhi, India



SOFT SKILLS

- Team Collaboration
- Effective Communication
- Problem-Solving
- Adaptability and Resilience
- Analytical Thinking



WORK EXPERIENCE

Jul'23 - Dec'23: Full Stack Developer | Coffee.io Gurugram, India

Key Result Areas:

- Designed and deployed an enterprise-grade, scalable web crawling framework using Selenium, APIs, and XPath, thus enabling accurate data extraction from **over 270** diverse sources with high reliability and consistency.
- Architected and optimized a distributed messaging infrastructure using AWS SQS, thus enhancing asynchronous processing, fault tolerance, and throughput under heavy load conditions.

Highlights:

- Reduced back-end execution time from **36+ hours to under 2 hours** by streamlining workflows and applying architectural optimizations, which resulted in **faster delivery cycles** and **improved system efficiency**.
- Maintained **100% positive feedback** during bi-weekly client syncs by aligning technical outputs with evolving business needs and fostered strong client relationships.
- Improved **system observability** by integrating **Prometheus** for metrics collection and **Grafana** for real-time dashboards, thus introducing centralized monitoring and alerting for distributed, data-intensive applications.

Jul'22 – Jun'23: Back-end Developer / Full Stack Developer / Prodo Technologies Pvt. Ltd., Gurugram, India

Key Result Areas:

- Led the end-to-end development of server-side infrastructure for key products including PRODO Pulse (CRM) and the Vendor Dashboard, thereby delivering robust, maintainable, and scalable back-ends.
- Designed a middleware architecture and a real-time notification system, facilitated multi-user collaboration, live updates, and enhanced operational visibility.
- Implemented advanced caching strategies to boost API performance, **reduced latency** and **increased responsiveness** during peak usage.
- Integrated RESTful APIs with third-party enterprise systems to ensure seamless interoperability, data consistency, and automation across platforms.
- Built automated communication pipelines using integrated messaging services, while enhancing client feedback loops and user engagement.
- Mentored junior developers, conducted peer code reviews, and enforced clean code practices, thereby contributing to a high-quality and secure codebase.
- Managed real-time data sync and visualization for **500+ clients** and ensured accuracy across Purchase Orders, Sales Orders, and Invoices.

Jul'21 – Jun'22: Graduate Trainee / Back-end Developer / Ecom Express, Gurugram, India

Key Result Areas:

- Contributed to the back-end development of SIDDHI, a warehouse management platform powering automated warehouses in **10+** cities for Ecom Financial Services, thus enhancing operational visibility.
- Developed scheduled task pipelines using Django Celery Beat and enabled advanced analytics and process automation across warehouse functions.
- Built a real-time notification system powered by RabbitMQ, enabled seamless coordination between admins and warehouse officials for timely inventory updates.
- Engineered and optimized RESTful APIs backed by database triggers, improved data integrity, reduced latency, and increased back-end throughput.
- Configured and tuned the Apache server for optimal performance under high traffic, while ensuring stability and scalability of backend services.
- Delivered high-impact solutions that minimized manual interventions, introduced real-time operational updates, and scaled effectively with business growth.



INTERNSHIP

Jun'20 – Jul'20: Software Developer Intern / SNUG Technologies Pvt. Ltd., Remote

Key Result Areas:

- Integrated client-specific APIs and developed customized email templates to support web-based communication systems.
- Developed back-end mail services APIs for client websites and improved communication workflow and user experience.
- Contributed to the design and deployment of scalable email templates for automated messaging.



PERSONAL DETAILS

Date of Birth: 30th November 1998

Languages Known: English, Hindi

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