Vikas Maurya

Senior Full Stack Developer | Backend + Cloud/DevOps Specialist
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Professional Summary

Full Stack Developer with 8+ years of experience in building scalable web applications, backend services, and cloud-native deployments. Proficient in Laravel, Node.js, and Vue.js, with strong expertise in AWS, CI/CD pipelines, and containerization. Skilled in system design, load balancing, reverse proxy, caching, and microservices. Proven ability to manage end-to-end development, deployment, and monitoring in fast-paced environments, while mentoring teams and optimizing system costs and performance.

Key Achievements

➢ Improved API response time by 40% using Redis & Aerospike caching.
➢ Reduced AWS hosting costs by 25% by optimizing load balancer & EC2 instances.
➢ Built scalable gaming API handling 50k+ concurrent users with Socket.io.
➢ Automated CI/CD pipeline reducing deployment time from 2 hours → 15 minutes.
➢ Mentored junior developers, improving code quality and team productivity.

Technical Skills

Frontend	Vue.js (4/5), Flutter (2/5), ReactJS, Angular, Bootstrap, jQuery
Backend	Laravel (4/5), CodeIgniter (4/5), Node.js (ExpressJS, Socket.io) (4/5), Python (2/5), PHP, .NET, Java, C, C++
Databases & Caching	MySQL/PostgreSQL, Redis, Aerospike, MS Access, SQL Server
Messaging / Queues	RabbitMQ
Cloud (AWS)	EC2, Load Balancers (ALB/NLB), VPC & Gateways, Route 53, IAM, S3, RDS, CloudFront, Lambda, ECS/EKS
DevOps / Infra	Docker, Jenkins, Ansible, Puppet, Grafana, New Relic, Promtail, Reverse Proxy & Load Balancer (Nginx, Apache), PM2, Supervisor
System Design	Load Balancing, High Availability, Microservices, Realtime Systems, Scalable Architecture
Other Tools	Git, Postman, Jupyter, Pandas

Professional Experience

Senior Full Stack Developer – Playerzpot Media Pvt Ltd (2021 – Present)
➢ Developed and maintained scalable applications using Laravel, Node.js, and Vue.js.
➢ Implemented real-time features with Socket.io for gaming platforms (50k+ concurrent users).
➢ Designed RESTful APIs, optimized queries, and schema design.
➢ Implemented caching with Redis & Aerospike to reduce DB load by 40%.
➢ Deployed and managed AWS infrastructure (EC2, Load Balancers, Route 53, VPCs, IAM).
➢ Automated CI/CD using Jenkins, Ansible, Docker; monitored systems with Grafana & NewRelic.
➢ Managed deployments with PM2 & Supervisor, and reverse proxy with Nginx/Apache.
➢ Mentored junior developers and optimized code quality.

Projects: Fanstay Admin Panel, Opinion Admin Panel, NodeJS Microservices, Redis & Aerospike GUIs, Card Games API.
Tech Stack: Laravel, CodeIgniter, NodeJS, Express, TypeScript, Vue.js, Python, AWS

Software Engineer Interactive Bees Pvt Ltd (2020 – 2021)

➢ Developed and deployed applications on CPanel & WHM.
➢ Payment gateway Integration, report getnation.
➢ Added new features and optimized project performance.
➢ Conducted unit testing in Laravel with Faker & Seeder.

Projects: Caho.in, CenturyPly.com, ASDC.org.in
Tech Stack: Laravel, Laravel-Admin, CodeIgniter, Drupal, MySQL

Full Stack Developer – Omitec Computer Institute (2015 – 2020)

➢ Built dynamic websites & mobile applications.
➢ Managed servers and hosted applications.
➢ Designed multiple enterprise solutions: Institute Management, Franchise Panel, E-learning, Billing, Online Examination.
➢ Developed bulk WhatsApp/SMS/Mail sending tools.

Tech Stack: Core PHP, MySQL, JavaScript, HTML, CSS, MS Access

Highlighted Projects

➢ **Franchise Model Project** → Online franchise management with certificate generation, student records, exams, diploma PDFs with QR verification, and mail notifications.
➢ **Diploma & Marksheet Builder** → Automated PDF generation with QR authentication and secure email delivery.
➢ **E-Learning Project (Institute CRM)** → Inquiry, Student, Fee, Attendance, Examination, Certificate, and Accounts modules with SMS/Email notifications.
➢ **E-Services CRM** → Centralized service CRM with inquiry management, accounts, notifications.
➢ **Billing & Inventory System** → Stock, invoice, profit & loss, and GST reports.
➢ **Online Examination System** → MCQ/True-False exams with Excel import, auto evaluation, and instant results.
➢ **Bulk Communication Tools** → Bulk Email Sender, WhatsApp Sender, and SMS gateway integrations.
➢ **Branch & Version Control Panel** → Multi-branch management with cron job scheduler.
➢ **Corporate Projects** → Century Ply, ASDC, Caho, Indo Rama, BookMeriLab, SML.

Education

Bachelor of Computer Application – Kalinga University (2020)
Intermediate – UP Board (2017)
High School – UP Board (2015)

Highlights & Strengths

➢ End-to-end ownership from coding to deployment & scaling.
➢ Strong in backend development, microservices & cloud automation.
➢ Expertise in reverse proxy, caching, load balancing, and monitoring.
➢ Ability to optimize queries & troubleshoot performance bottlenecks.
➢ Skilled mentor & team collaborator in Agile/Scrum environments.
➢ Excellent problem-solving and decision-making under pressure.