

# RAMRATAN GUPTA

+91 7701983357

ramratan.gupta@gmail.com

[linkedin.com/in/ramratangupta](https://linkedin.com/in/ramratangupta)

South Delhi, India

To secure a **Senior Engineering Leadership role** to leverage expertise in Full Stack Development, Cloud Architecture, DevOps automation, and GenAI-driven engineering to design scalable systems, lead high-performing teams, and drive end-to-end delivery of SaaS products.

**Preferred Location:** Delhi NCR

## PROFILE SUMMARY

- Full Stack Engineering Leader with 15+ years of excellence in architecting, engineering, and scaling high-performance SaaS platforms, cloud-native ecosystems, and enterprise-grade applications across global environments.
- Deep expertise in ReactJS, NodeJS, GoLang, Python, PHP, Symfony, and end-to-end AWS cloud architecture, with proven mastery across 20+ AWS services, CI/CD pipelines, automation frameworks, site reliability engineering, and performance optimization.
- Advanced proficiency in GenAI technologies—AmazonQ, ChatGPT, GitHub Copilot, and Gemini—using AI-driven development, automation, and intelligent workflows to accelerate delivery and enhance product capabilities.
- Engineered 200+ secure, scalable RESTful APIs, led multi-tenant application design, improved infrastructure efficiency by 45%, and delivered resilient architectures with 99.99% uptime and robust failover mechanisms.
- Strategic technical leader with a strong track record in mentoring 15+ engineers, spearheading high-performance agile teams, enforcing coding standards & driving complex cloud migrations and DevOps transformations.
- Adept at converting business requirements into cost-efficient, scalable, and secure technology solutions, consistently elevating system reliability, reducing operational overhead, and improving user experience for platforms serving 1M+ global users.

## CORE COMPETENCIES

Full Stack Engineering

Cloud Architecture & AWS Services

DevOps Automation & CI/CD

Microservices & API Engineering

GenAI & Intelligent Automation

Scalable SaaS Development

Performance Optimization & SRE

System Design & Architecture

Migrations & Modernization

Security, Compliance & Hardening

## WORK EXPERIENCE

**Senior Software Developer | IntraEdge (Client: American Express) | Bangalore, India |**

April 2025 – Present

- Leading frontend development using React.js, delivering high-performance & user-centric interfaces for enterprise-scale applications.
- Developing robust backend services using Go (Golang), ensuring scalable, secure, and optimized APIs.
- Improved team productivity by 40% by leveraging ChatGPT Enterprise, Custom AI Agents, GitHub Copilot, and advanced prompt-engineering to automate unit test creation, accelerate pull-request turnaround, streamline documentation, enhance code-flow understanding, and enable team-wide adoption of AI-driven development practices.
- Writing comprehensive unit tests and ensuring high code quality through continuous code reviews and best practices, resulting in a 10% improvement in overall code coverage.
- Supporting end-to-end deployment and release cycles, including CI/CD workflows, OpenShift environments, and production rollout activities.
- Customizing and enhancing open source Redhat console project, optimizing performance and user workflows.
- Collaborating with DevOps teams & handling basic DevOps tasks, contributing to smoother development-to-deployment integration.
- Providing post-deployment support, debugging, and issue resolution, ensuring seamless customer experience.

**Knexus, Gurugram India |**

June 2014 -Feb 2025

**Senior Lead Full Stack Engineer| (Head of Development & DevOps)| (Remote) Jan 2022 – Feb 2025**

- Engineered & deployed high-performance full-stack applications supporting 1M+ global users, ensuring stability, speed & scalability.
- Boosted productivity by 30% by leveraging AmazonQ GenAI Agents to build automation workflows, accelerate development cycles, and enhance solution accuracy and documentation quality.
- Led end-to-end requirements analysis for 10+ enterprise clients, converting business needs into precise architectural and technical roadmaps.
- Designed & delivered 200+ RESTful APIs, ensuring secure, seamless, and low-latency integration across platform components.
- Overhauled and modernized the AWS cloud environment, improving reliability and enabling faster, automated deployments.
- Directed deployment lifecycle—planning, execution, validation & post-release stabilization—for multiple high-visibility releases.
- Partnered with cross-functional teams (Product, DevOps, QA, Design) to enhance code performance & reduce system downtime.
- Maintained and enhanced a multi-tenant SaaS platform using ReactJS, PHP, Symfony, NodeJS, and modern UI technologies.
- Automated releases, optimized CRON workflows, and implemented analytics integrations to elevate platform intelligence.

- Achieved 45% AWS cost optimization by implementing automation, strengthening network security, upgrading firewalls, driving server migrations, and building 99.99% HA setups via CloudFormation.
- Optimized database and caching systems (MySQL, Redis, CouchDB) and improved web performance with Nginx, Elasticsearch, PHP-FPM, achieving a WordPress performance score of 84.
- Mentored 15+ engineers, led technical hiring, conducted interviews & guided a Scrum team of five to enhance delivery quality.
- Performed code reviews across 10+ repositories, consistently merging 10-20 PRs weekly while maintaining coding standards and release hygiene.
- Led disaster recovery initiatives and executed a major ReactJS 16 migration, ensuring zero production disruption.
- Built and managed ETL workflows for analytics processing, improving reporting accuracy and data throughput.
- Gained hands-on expertise across 20+ AWS services including EC2, VPC, ELB, CloudFront, SQS, SNS, Route53, SES, CloudWatch, AMIs, Auto Scaling, IAM, Lambda, DynamoDB, AWS CLI, and SSM for cloud automation and monitoring.
- Spearheaded security hardening initiatives, implementing IAM policy refinements, automated credential rotation, threat monitoring rules, and vulnerability patch cycles—resulting in a 35% reduction in security incidents across environments.
- Implemented observability and performance intelligence by integrating distributed logging, custom CloudWatch dashboards, API latency trackers, and real-time alerting, improving issue detection speed by 60% and reducing MTTR significantly.

### **Lead Developer | Feb 2016 – Dec 2021**

- Led major migrations including PHP7 → PHP8, Symfony2 → Symfony4, and Amazon Linux 1 → Amazon Linux 2.
- Served as Product Owner for Experiences, Audience, and Template modules; co-managed AWS infrastructure and GIT administration.
- Improved UI/UX and automated Jira workflows, boosting team productivity by 10%.

### **Senior Development Engineer| Jun 2014 – Jan 2016**

- Integrated Facebook APIs for seamless social media connectivity for enterprise platforms.
- Migrated tech stacks (PHP5→PHP7, ReactJS v13 upgrade) and moved from in-house MVC framework to Symfony2.
- Enhanced UI frameworks, optimized code quality, and introduced peer-programming best practices.

### **DigitasLBi, Gurugram, India | Software Developer |**

**Jun 2012 – May 2014**

- Delivered 30+ web projects, Facebook apps, admin panels, and social API integrations with rapid turnaround (3–15 days).
- Built high-performing platforms using PHP, jQuery, and third-party APIs (Facebook, Twitter, LinkedIn, YouTube).
- Managed key client implementations showcased in the Project Annexure.

### **Alethia Education Services, Gurugram, India | IT Executive |**

**Dec 2009 – Jun 2012**

- Developed corporate website, automated email campaigns, and built employee attendance systems using PHP & MySQL.
- Integrated PHPList with AWS SES to deliver 100,000+ emails per day, enabling large-scale outreach.
- Built a lead management system that significantly improved customer tracking and conversion engagement

## **TECHNICAL SKILLS**

- **Frontend:** ReactJS, JavaScript, HTML, CSS, Bootstrap, NextJS
- **Backend:** NodeJS, Javascript, TypeScript, Golang, PHP, Symfony, Python Flask
- **Architecture:** Microservices, API Design, Monolith, Cybersecurity, Design Patterns, AWS Well-Architected Framework
- **AI/ML:** GenAI, Amazon Q, Gemini, Google Vision, Prompt Engineering, ChatGPT, GitHub Copilot
- **Databases:** MySQL, Redis, CouchDB, DynamoDB
- **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, VPC, CloudFormation, IAM), Shell Scripting, GitHub Actions, CI/CD, MLOps, ETL
- **Containerization:** Docker
- **Tools:** REST APIs, Jira, Git, Agile (Scrum), Nginx, Elasticsearch

## **CERTIFICATIONS**

- AI Mastery Bootcamp for Beginners | Cutting Edge School & Heartfulness Academy | 2025

## **EDUCATION**

- **Bachelor of Technology (B.Tech)** | Computer Science & Engineering  
Dr. A.P.J. Abdul Kalam Technical University, Lucknow

## **PERSONAL DETAILS**

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|-------------------------|-------------------------------|
| <b>Date Of Birth:</b>   | 3 <sup>rd</sup> February 1984 |
| <b>Languages Known:</b> | English, Hindi                |