

## RAMRATAN GUPTA



### CONTACT DETAILS

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[Video Introduction](#)

### TECHNICAL SKILLS

#### Frontend Technologies:

ReactJS, JavaScript, HTML, CSS, Bootstrap, NextJS

#### Architecture

Microservices, API Design, Monolithic, Cybersecurity, Design Patterns, AWS Well-Architected Framework

#### AI/ML:

GenAI, AmazonQ, Gemini, Google Vision, Prompt Engineering

#### Backend Technologies:

NodeJS, PHP, Python Flask, Symfony

#### Databases:

MySQL, Redis, NoSQL: CouchDB, DynmoDB

#### Cloud & DevOps:

AWS, EC2, S3, RDS, Lambda, Cloud Formation, IAM, Shell Script, GitHub Actions, CI/CD, ML/Ops, ETL Jobs

#### Containerization

Docker

#### Other Tools:

REST APIs, Jira, Git, Agile (Scrum), Nginx

### CORE COMPETENCIES

- **Full Stack Software Engineer** with 15+ years of experience in Full Stack Development, AWS Services, Project Execution, Migrations, Operations, and Client Engagement.
- Proficient in **front-end and back-end development** with expertise in technologies: **ReactJS, NodeJS, Python, GenAI, AI/ML, PHP, Symfony, JavaScript, HTML, CSS, and database systems & cloud-based architectures.**
- Expertise in **modern frameworks and cloud platforms** & applying cutting-edge practices (AI/ML) to enhance product performance, security & compliance, and client satisfaction.
- Collaborated across the full **Software Development Life cycle (SDLC)**, covering business requirement mapping, application design & development, integration, testing, and troubleshooting.
- Rich exposure in **hiring, coaching, mentoring new developers**, and conducting code reviews while driving a culture of continuous improvement.
- Enhanced project efficiency through **Agile methodologies** and **Scrum ceremonies** such as **Daily Scrums** and **Sprint Planning**.
- Solved highly **scalable cloud-based systems architecture, multitenant, service-based architecture, and enterprise application architecture** and implemented solutions in open source stack.

### WORK EXPERIENCE

**Knexus, Gurugram (Remote), India | Jan 2022 – Feb 2025**

**Senior Lead Full Stack Engineer (Head of Development & DevOps)**

- Developed and deployed scalable full-stack applications serving over 1 million users.
- Proficient in using AmazonQ, ChatGPT, Lama, and Gemini GenAI agents.
- Detailed requirements analysis for 10+ clients.
- Designed RESTful 200+ APIs for seamless integration between front-end and back-end systems.
- Revamped AWS cloud platform for effective infrastructure and application deployment.
- Planned and led the deployment and provided post-release support.
- Collaborated with cross-functional teams to optimize code performance and reduce system downtime.
- Maintained a **SaaS project's** full stack using **ReactJS, PHP, Symfony, NodeJS**, and front-end technologies like Bootstrap, HTML, and CSS.
- Steered **release automation, CRON jobs** in Git, & integrated client analytics.
- Modernised AWS infrastructure, achieving **45% cost savings** through automation, network security enhancements, firewall configuration, server migration, & **high-availability (99.99% uptime)** setups using CloudFormation.
- Managed databases and caching with **MySQL, Redis, and CouchDB**, and Improved web performance using Nginx, **Elasticsearch**, and PHP-FPM, resulting in an **84-performance score for WordPress**.
- Mentored and coached **15+ professionals**, led interviews & hiring processes, and guided a **Scrum team of five** to improve project execution.
- Conducted **code reviews for 10+ repositories**, merged 10-20 pull requests,

- Full Stack Development
- Frontend (UI/UX) Development
- Backend Development
- AWS Cloud Services
- Migrations/Transitions
- Code Reviews
- Release Management
- Client Engagement
- Project Execution
- Training & Mentoring
- Team Leader

## EDUCATION

Bachelor of Technology  
Computer Science &  
Engineering

Dr. A. P. J. Abdul Kalam  
Technical  
University, Lucknow

## PERSONAL DETAILS

Languages Known: English &  
Hindi

Address: South Delhi, India

and managed disaster recovery and migration to ReactJS 16.

- Coordinated on 2 **ETL jobs** for analytics processing.
- Attained expertise in 20+ AWS services, including EC2, Load Balancing, VPC, CloudFront, SQS, SNS, Route53, S3, SES, CloudWatch, AMI automation, Auto Scaling, IAM, Logging, Lambda, DynamoDB, AWS CLI, and SSM for cloud monitoring and management.

### **Knexus, Gurugram, India | Feb 2016 – Dec 2021**

#### **Lead Developer**

- Led migrations - PHP7 to PHP8, Symfony2 to Symfony4, and Amazon Linux 1 to Amazon Linux 2.
- Acted as a Product Owner for Experiences, Audience, and Template; paired up for AWS with lead and worked on GIT administration.
- Defined improvement in UI/UX and JIRA (workflow automation, dashboard), resulting in a 10% increase in team productivity.

### **Knexus, Gurugram, India | Jun 2014 – Jan 2016**

#### **Senior Development Engineer**

- Implemented Facebook API integration, ensuring seamless social media connectivity and enhancing user engagement.
- Upgraded and streamlined the technology stack, including migrating PHP5 to PHP7, and upgrading ReactJS 13.
- Migrated from an in-house MVC framework to Symfony 2, improving Bootstrap UI and enhancing code quality through optimization and peer programming.

### **DigitasLBI, Gurugram, India | Jun 2012 – May 2014**

#### **Software Developer**

- Delivered 30+ projects, including Websites, Facebook applications, admin panels, and API integrations (Facebook, Twitter, LinkedIn, and YouTube) using PHP and jQuery, with completion timelines ranging from 3 to 15 days.
- Key Projects Undertaken: [Project Annexure](#).

### **Alethia Education Services, Gurugram, India | Dec 2009 – Jun 2012**

#### **IT Executive**

- Launched a website, email campaigns, and an employee attendance system using PHP and MySQL.
- Integrated PHPList with AWS SES, enabling the delivery of 100,000 emails daily, and implemented a lead management system for improved customer engagement.