Gaurav Kumar

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Profile Summary

Experienced **Project Manager-IT Projects** with **7.5 years of expertise** in **software development, technical decision-making, team management, and code quality assurance**. Skilled in designing scalable and high-performance software solutions, leading cross-functional teams, and ensuring compliance with industry standards. Proficient in **multiple programming languages, frameworks, and cloud platforms**. Holds industry-recognized certifications in **cloud computing, project management, and software development**.

Core Competencies

- **Software Development & Architecture**: End-to-end software design and implementation.
- **Technical Decision-Making**: Selecting the best technologies for performance and scalability.
- **Team & Project Management**: Leading agile teams to deliver high-quality software.
- **Code Quality & Security**: Implementing best coding practices and secure development lifecycles.
- **Cloud Computing & DevOps**: Deploying applications on AWS, Azure, and Google Cloud.
- **Data Science & AI**: Designing AI-driven solutions and predictive analytics models.
- **Enterprise Resource Planning (ERP) Solutions**: Development and customization of ERP systems using Odoo, Python, and Java.

Certifications

- **AWS Solutions Architect - Associate (Amazon Certified)**
- **Microsoft Python Certification (Exam 98-381)**
- **Project Management Professional (PMP) Certification**
- **Certified Data Science and AI Professional**

Technical Skills

Programming Languages: Python, Java, C++, JavaScript, SQL, Shell Scripting
Frameworks & Tools: Django, Flask, React.js, Node.js, TensorFlow, Keras, Odoo
Databases: MySQL, PostgreSQL, MongoDB, Redis

Cloud Platforms: AWS (EC2, S3, Lambda), Azure, Google Cloud
DevOps & CI/CD: Docker, Kubernetes, Jenkins, Terraform, GitLab CI/CD
Big Data & Analytics: Apache Spark, Hadoop, Power BI, Tableau
Testing & Code Quality: Selenium, JUnit, PyTest, SonarQube
Project Management Tools & Tools: Jira, Bitbucket, Trello, Asana, Data Center Infrastructure Management (DCIM) tools, Hybrid Cloud setups and data center migration to the cloud, VMware, Hyper-V for virtualization, Dell PowerEdge, HP ProLiant, Cisco UCS, Network Video Recorders (NVR), Video Storage Solutions (e.g., QNAP, Synology), Axis Communications, Hikvision, Bosch cameras.

Professional Experience

Project Manager-IT Projects | Emagic Solutions P. (LTD)

Feb 2023 – Present

- Provided strategic guidance for software development and project execution.
- Designed and implemented cloud-based enterprise solutions.
- Led a team of developers to ensure on-time project delivery and code quality compliance.
- Led ERP customization and integration with third-party financial software.
- Spearheaded cloud migration initiatives and optimized database performance.
- Ensured software security and compliance with industry standards.
- Led the planning, execution, and delivery of data center and surveillance system projects, ensuring timely completion within budget and scope.
- Managed resource allocation, vendor selection, and procurement of necessary hardware and software for the successful implementation of infrastructure.
- Coordinated with cross-functional teams (engineers, architects, and vendors) to ensure seamless integration of systems and adherence to industry standards and compliance regulations.
- Developed and maintained project timelines, tracked progress, identified risks, and implemented mitigation strategies.
- Oversaw post-implementation support, including system maintenance, troubleshooting, and training for operational teams.

Project Manager-IT Projects | Almondz Global Securities Limited

June 2021 – Jan 2023

- Spearheaded the planning, execution, and successful delivery of data center and surveillance projects, ensuring adherence to timelines, budget, and project scope.
- Directed resource management, vendor selection, and procurement processes, ensuring seamless deployment of hardware and software infrastructure.
- Collaborated closely with cross-functional teams (engineers, architects, vendors) to guarantee smooth integration of systems while meeting industry standards and regulatory requirements.

- Managed project schedules, monitored progress, identified potential risks, and implemented effective strategies to mitigate them.
- Supervised post-project support, including system maintenance, troubleshooting, and providing comprehensive training to operational teams for efficient system management.
- Provided ERP consulting and implementation services for financial and investment management systems.
- Led ERP customization and integration with third-party financial software.
- Spearheaded cloud migration initiatives and optimized database performance.
- Ensured software security and compliance with industry standards.

Project Manager | CSS Infotech PVT LTD

April 2020 – May 2021

- Provided ERP consulting and implementation for manufacturing and supply chain industries.
- Designed and deployed ERP modules for inventory, sales, and procurement management.
- Developed and optimized RESTful APIs for ERP system integration.
- Implemented automation for deployment and system monitoring.
- Optimized system performance and data processing workflows.

Project Manager | Sequel String Pvt Ltd

June 2018 – Mar 2020

- Built enterprise web applications and automated business workflows.
- Conducted performance testing and security analysis on software Projects.
- Collaborated with data engineers to develop machine learning pipelines.

Key Projects

Data Center Infrastructure Upgrade- Almondz

Led the complete upgrade of a legacy data center to modern, energy-efficient infrastructure, including new server racks, cooling systems, and network configurations.

- Managed the project lifecycle from planning to execution, ensuring the upgrade was completed on time and within the allocated budget.
- Coordinated with vendors for hardware procurement and integrated new technology while minimizing downtime for critical systems.
- Worked with internal teams to ensure data security, regulatory compliance, and adherence to performance standards.
- Oversaw the testing phase to ensure all systems functioned at optimal levels and facilitated post-implementation support and training for IT staff.

ERP Solutions (Odoo, Python, Java)

- **Custom Odoo ERP for Manufacturing:** Developed a custom **Odoo-based ERP** system for a manufacturing company to streamline inventory management, Projection planning, and vendor management.
- **HR & Payroll Management System:** Designed and implemented an **ERP-based HR and Payroll solution** for automating employee records, payroll processing, and compliance tracking.
- **E-commerce ERP Integration:** Integrated **Odoo ERP** with an e-commerce platform to enable seamless order processing, invoicing, and stock management.
- **Supply Chain & Logistics ERP:** Built a **Java-based ERP system** to optimize supply chain operations, real-time shipment tracking, and warehouse management.
- **Government ERP for Public Sector Management:** Designed an **ERP system for a government agency** to manage public records, automate administrative workflows, and enhance digital governance.

Cloud & Enterprise Solutions

- **Smart City Data Platform:** Developed a cloud-based analytics system for urban development projects.
- **Automated Compliance Management System:** Implemented an AI-driven solution for regulatory compliance tracking.
- **Supply Chain Optimization Tool:** Designed a predictive model to improve logistics and inventory management.

AI & Data Science Applications

- **Customer Churn Prediction Model:** Developed a machine learning algorithm to predict customer retention rates.
- **Fraud Detection System:** Designed an AI-powered fraud detection tool for financial transactions.
- **Healthcare Diagnosis AI:** Created an AI-driven system for disease diagnosis using medical imaging.

DevOps & Cloud Engineering

- **Automated CI/CD Pipeline:** Implemented a Kubernetes-based CI/CD pipeline to streamline deployments.
- **Cloud Cost Optimization Framework:** Designed a tool to monitor and reduce cloud infrastructure expenses.
- **Disaster Recovery Solution:** Developed an automated backup and recovery system for cloud applications.

Education

- **Bachelor of Computer Applications (BCA), ACN College – 2018**

All Over Experience

I have over 7+ years of experience as a Project Manager for IT projects.

Below is a list of companies where I have worked, reflecting my experience:

- Emagic Solutions (Feb 2023 – Present)
- Almondz Global Securities Limited (June 2021 – Jan 2023)
- CSS Infotech Pvt Ltd (April 2020 – May 2021)
- Sequel String Pvt Ltd (Jun 2018 – Mar 2020)

Declaration

I hereby declare that all the information provided above is true and authentic to the best of my knowledge.

Place: New Delhi

Date: 09-04-2025

Signature: Gaurav Kumar