

Vivek Bajpai

V I C E P R E S I D E N T - E N G I N E E R I N G

 98299-78168
 pmvbajpai@gmail.com
 Jaipur / India
 linkedin.com/in/vbajpai
 Strategic, Innovative, Traveler
 vivekbajpai.com

A B O U T M E

Excel in leadership, technical assistance, task scheduling, strategic planning, decisive leadership, efficient team management and execution

Results-driven and dependable solutions expert with a proven track record of client satisfaction. Skilled in managing multiple projects and cross-functional teams with professionalism. Brings extensive experience across both product & service-based organizations. Excels in deadline-driven environments.

S K I L L S

Technology Stack

Full Stack - (MERN, MEAN, LAMP, Django)

Serverside Scripting

NodeJS, PHP, Python, Perl

Domains

B2B, B2C, ERP, Healthcare, eLearning, Food, Travel

Database / ORM

MySQL, PostgreSQL, MongoDB, Sequelize

Cloud Development

Amazon AWS, AWS Lambda, Microsoft Azure

PM Tools

Jira, Trello, Basecamp, Slack, Zoho, Git, SVN

E D U C A T I O N

M. Tech. (Software Engineering) - 2015

Birla Institute of Technology & Science, Pilani

B. Tech. (Computer Science) - 2004

Rajasthan University, Jaipur

Class XII (PCMB) - 1999

Central School, Ajmer

Vice President, Engineering - CIMET

Jaipur / Sep 2024 – Present

- **Strategic Leadership:** Define and execute the overall engineering strategy aligned with CIMET's business goals.
- **Team Building & Management:** Build, mentor, and lead high-performing engineering teams across multiple domains.
- **Technology Roadmap:** Oversee continuous development & improvement of scalable, secure architectures & platforms.
- **Cross-Functional Collaboration:** Partner closely with Product, Marketing, and Operations to ensure timely delivery.
- **Process Optimization:** Implement and refine agile development processes, engineering best practices, and quality standards.
- **Budget & Resource Management:** Manage engineering budgets, resource planning, and vendor relationships to optimize cost efficiency and delivery.
- **Risk & Compliance Oversight:** Ensure systems and processes comply with regulatory requirements and mitigate technical risks through proactive governance.

EXPERIENCE

Accomplished Engineering Leader with over 20 years of progressive experience driving technology strategy, product delivery, and team leadership across diverse domains including fintech, healthcare, logistics, and enterprise solutions. Proven expertise in scaling engineering organizations, building high-performing teams, and delivering complex, mission-critical systems in both product and service-based environments.

Held senior roles such as Director of Engineering, Technical Architect, and Head of Technology, leading multi-location teams, modernizing legacy systems, and implementing best practices in microservices, DevOps, cloud infrastructure, and agile delivery. Known for aligning technology with business objectives, fostering innovation, and creating a culture of ownership, excellence, and continuous improvement. Thrive in fast-paced, deadline-driven environments with a relentless focus on quality, scalability, and customer value.

Director Engineering, Simplify

NJ-Remote / Oct 2022 – Jul 2024

- Led distributed engineering teams across multiple time zones to deliver high-impact fintech solutions.
- Established engineering KPIs and performance dashboards to track velocity, quality, and system uptime.
- Led cross-functional initiatives including security audits, compliance readiness, and platform upgrades.
- Introduced scalable microservices architecture, improving system modularity and time-to-market.
- Drove engineering excellence through OKRs, code quality reviews, and agile adoption.
- Collaborated with leadership to align technical roadmaps with product and business objectives.
- Mentored engineering managers and tech leads, fostering a culture of ownership and innovation.

Technical Architect, MedleyMed

Hyderabad / Feb 2019 – Oct 2022

- Designed and implemented scalable healthcare platforms serving B2B and B2C segments.
- Migrated monolithic systems to a microservices-based cloud-native architecture.
- Set up CI/CD pipelines and DevOps practices, increasing deployment frequency by 50%.
- Conducted architecture reviews and technology evaluations to ensure platform resilience.
- Guided cross-functional teams through Agile/Scrum methodologies to meet tight delivery schedules.
- Collaborated with product to translate healthcare domain requirements into scalable technical designs.
- Improved application performance by 60% through architectural refactoring and database optimization.

Technical Director, Enmovil

Hyderabad / Feb 2019 – Oct 2022

- Directed technology strategy for logistics intelligence platforms using AI and IoT.
- Architected real-time data pipelines and scalable backend systems for fleet tracking and analytics.
- Worked closely with product teams to build features with a focus on data accuracy and scalability.
- Led innovation sprints to prototype and deploy next-gen logistics automation tools.

Head of Technology, Relianttekk

Jaipur / Feb 2015 – Jan 2017

- Defined and executed technology roadmap across multiple client projects and in-house initiatives.
- Oversaw solution architecture, team scaling, and project governance across multiple domains.
- Introduced agile project tracking and improved release cycles.
- Mentored engineers and leads in architectural best practices and performance optimization.

Sr. Project Mgr., eBizneeds

Jaipur / Jul 2010 – Jan 2015

- Managed delivery of complex web and mobile application projects for international clients.
- Led teams of 25+ engineers, overseeing planning, execution, and client engagement.
- Championed SCRUM and iterative delivery, resulting in improved client satisfaction and repeat business.
- Collaborated closely with sales/pre-sales to estimate and scope project requirements effectively.

Sr. Software Engr, edVentures

Hyderabad / Aug 2008 – Apr 2010

- Developed custom eLearning platforms using PHP and Flash for academic institutions.
- Focused on performance optimization and modular development.
- Played a lead role in system design, code reviews, and deployment processes.
- Mentored junior developers and coordinated with QA teams for delivery assurance.

Sr. Software Engr, Infoeye

Jaipur / Sep 2006 – Feb 2008

- Worked on enterprise CRM and HRMS solutions, primarily in PHP and MySQL.
- Designed reusable modules and led front-end/backend integration.
- Optimized DB queries and improved system performance for large datasets.
- Contributed to team knowledge sharing and codebase standardization.

Team Leader, Konstant

Jaipur / Jun 2004 – Aug 2006

- Led a team of 10+ engineers on custom web development projects.
- Managed end-to-end SDLC, from requirement gathering to client delivery.
- Oversaw code quality, project timelines, and client communication.

PROJECTS

Vendor Management System – Software to manage and procure staffing services

Technology – *Python, PHP, Mysql, Metabase, DataBricks, Kafka, Cloud, Power BI, ReactJS*

The VMS allows the organization to create and manage contracts with the vendor. The contract includes details such as the scope of work, payment terms, and compliance requirements. Once the contract is in place, the organization can create and assign work orders to the vendor. The vendor can then submit timesheets and expenses for the work performed, and the organization can review and approve these submissions. Throughout the process, the organization can use VMS to monitor vendor performance, compliance, and communication. VMS also allows the organization to generate reports & analytics to help with budgeting & forecasting. Organizations integrate the VMS with systems like accounting, ERP, or procurement platforms to optimize operations, streamline workflows, enhance visibility, ensure data consistency, & automate business processes.

Telemedicine Solution – Web/App based solution for Online Consultation and Order Medicine

Technology – *MERN Stack*

Patient App – A solution where a patient can register themselves and add their family members. They can search a specialization, see the list of Doctors & book an appointment with them. Patient need to provide the symptoms, past medical history, chronic diseases if any, vital information & prescription. They can have a video/audio/chat consultation with the Doctor and get a new prescription.

Doctors App – A solution where the Doctor can see the appointment list, get on a call with patient, write the prescription and try to resolve all the problems.

Order Medicine App – Once the patient get prescription from the online consultation, he can search and order the medicine online through this app.

Mental Healthcare - A Solution for the Mental Health patients for the US Healthcare system. Patient can select the facility, see the doctor and book the appointment. Post that he will take a video / audio or chat consultation after which the doctor can write a prescription and direct it to the nearest pharmacy. A Doctor can send Assessments and check the improvement progress in his mental health with scores / graphs. All the upcoming and previous appointments are being taken care of. We maintained the HIPAA, Audit Trails and EHR Policies in accordance with the US Healthcare System.

Pharma Solution – ERP with Demand/Supply feature – B2B, B2C

Technology – *Django, PHP, Postgres, MySQL*

B2B (Retailer & Distributor) – A solution where Retailers search the medicine & provide the order. Through the Intelligent Algorithm, we consolidate all the orders and provide collectively to the Distributors as the per distance, discount, schemes and a lot of parameters. Once the order is fulfilled by the Distributor, medicines are collected at a hub and distributed through the delivery agents who then delivers it to the retailer, collect the amount and Logistics Manager reconciles it to the Accounts.

B2C (Retailer & Customer) – A solution where the customers search the medicine, provide the orders and the order is placed to the nearest pharma retailer on the basis of fulfilment, distance, order value and discount. Retailer fulfils the order accordingly and also update his product line time to time.

Travel ERP Solution – IoT based ERP Solution for Transport & Booking Management

Technology – *MEAN Stack*

Performance Solution - IoT Devices are placed in vehicles of HPCL, BPCL, Indian Oils and public / private vehicles. These Vehicles transmit signals that we capture and provide the complete end to end insights and analytics about the vehicle that help to increase the productivity of the organization.

Booking Management – The IoT devices are place on the vehicles sent for booking. User can search vehicles, check & compare prices, make bookings. Booking Managers align the bookings and make the Vehicle in and out after checking the vehicle health. Throughout the Booking, we fetch smart analytics about the vehicle and alert customers in case of any mishandling or mishappening.

Education ERP Solution – ERP with Teacher/Student/Parent Management

Technology – *PHP (CodeIgniter), MySQL, Android / iOS App*

Developed a comprehensive Educational Management System ERP designed to streamline academic and administrative operations across educational institutions. The platform featured robust modules including Branch Management, Student and Teacher Profiles, Course and Class Scheduling, Fee Collection, Examination & Assessment Tracking, Assignment Management, Library Integration, Transport Management, Grade Card Generation, and Advanced Reporting. This end-to-end solution enhanced operational efficiency, improved data accuracy, and enabled real-time access to academic and administrative insights.

Restaurant and Food Delivery Solution – Restaurants, Table booking, Events, Menus, Recipes

Technology – *PHP (CodeIgniter), MySQL, Android / iOS App*

Built a unified Food Service Management Platform offering end-to-end digital solutions for restaurants, food stations, and event venues. The application enabled users to register their businesses, create menus, manage events, and publish recipes upon approval. Integrated with a full-featured order booking and delivery system, it streamlined operations from listing to fulfilment. The platform also included an advertising module, allowing vendors to promote their venues or events through dedicated ad space, enhancing visibility and customer engagement.

Father – Mr. V.S. Bajpai | **Mother** – Mrs. Vimla Bajpai | **Wife** – Mrs. Shagun Bajpai | **DOB** - 29/10/1981

Place: Jaipur

Date: 04-06-2025

()
Vivek Bajpai