

Pankaj Kumar

Team Lead /
Architect

35 Y/o Male

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AI Skills

AI Architecture & Engineering

- Designed and led **End-to-End AI Driven System** architectures integrating LLMs, computer vision and speech models into scalable production environments.
- Acted as **Technical Lead**, defining system design, workflows and deployment strategies across distributed teams.

Generative AI Expertise

- Architected and implemented AI solutions using pretrained models such as **LLaMA, YOLO, DeepSeek, Wave2Lip, SadTalker and Whisper** etc.
- Built **LLM-powered applications** using **OpenAI ecosystem** - (GPT-3.5, GPT-4o, GPT-5, Realtime APIs, TTS, STT, Image Generation).
- Designed **multimodal AI systems** combining text, image, audio and video processing.
- Experience with **RAG (Retrieval-Augmented Generation)** pipelines, embeddings, vector databases and semantic search systems.
- Integrated third-party AI platforms like **HuggingFace, HeyGen and HURIDOCs AI** into enterprise workflows.

Cloud / Scalable AI Infrastructure

- Architected cloud-native systems on **AWS (EC2, ECS, Lambda, S3, DynamoDB, Aurora, CloudWatch, SES/SNS)** and **Google Cloud Platform**.
- Designed **Containerized AI deployments** using **Docker**, enabling reproducibility and scalability.
- Built and managed **Microservices Architectures** for AI workloads using Node.js and distributed systems design.
- **Optimized AI Pipelines** for latency, scalability and cost efficiency.

Data Engineering & Storage Systems

- Experience with **Vector Databases** - (Pinecone, Qdrant, Chroma, PGVector, MySQL) and **Embedding Storage** for AI retrieval systems.
- Scalable data pipelines using - **AI training, inference and analytics workflows**.

- Strong foundation in **JavaScript, UI/UX systems, and frontend performance optimization.**

Technical Skills

Scrum Master / Team Leading - Using GitHub and Automated deployments. I am adept at handling feature-based software development in fast-paced, **Agile** environments, including **overseeing team commits**, conducting **git reviews** and **integrating deployments**.

Linux Based Development (12+ years experience with Ubuntu, Mint & Fedora. Excellent command over - **Terminal tools, Docker, Versioning** control using GIT, **Shell** access management, **FTP/SSH** tools and setup, **RDP & VPN** etc)

Advanced PHP (**Web Scripting, Crontab, PHP extensions** - including: Curl, GD, ZIP, XML, FileInfo, Date&Time, DOM, FTP, JSON/LDAP, MCrypt, OpenSSL, MySQLi, PostgreSQL, IMAP/POP3 etc)

PHP Frameworks **Laravel, ZendFramework 1.x, CodeIgniter, Custom Framework Stacks**

WordPress (Customization, **Theming, Plugins** Development, **Multi Site** Development, **WooCommerce** Development, Core Customizations, **WP Crons, SEO Tools, Caching Technologies, Site Speed Enhancements** etc)

JavaScript (**Core JS, jQuery, jQueryUI** and Animations, **jQuery-Ajax, Bootstrap.js** etc), Frontend programming with **Angular /ReactJs**.

.NET (Maintaining **project setups**, Server **environments** & Handling **Development Process** in a team of .NET professionals as a Team Lead)

NodeJS & Angular/ReactJS Managing **Node.js** projects on Linux/Docker, managing dependencies with **NPM**, Building scalable **microservice APIs** using **ExpressJS**. Designing modular routes, Developing **backend services** to support Angular/React applications, and **architecting distributed microservice-based systems** for seamless frontend integration.

Databases (**MySQL/MariaDB, MSSQL, Postgres, Google Firebase, DynamoDB, MongoDB** with NodeJS), **GraphQL** etc.

Google Cloud Services (**Google Cloud API** Integrations (My Business API including Accounts, Profile, Reviews etc), **Google Static & Dynamic Maps API, Google Places API** integration, **Single Sign-On / Oauth**).

AWS (EC2, EBS, ECS, S3 Bucket, Route53, Elastic IPs, Load Balancers using AWS, DynamoDB, Elastic Search, Lambda Functions, SES/SNS, Aurora, Atlas, Cloudwatch etc.)

LAMP Servers (**Apache / Httpd, VHost** configurations, **Load Balancing, Environment / Development Variables setup** etc)

* **Additional CMS that I have worked on** - **Magento** (Theme and Addons/Extension development), **TextPattern, Expression Engine, Drupal**

Additional Skills - In Depth Understanding of frontend design tools (e.g. Gimp based Graphics Editing, HTML5 and CSS3, Bootstrap, Angular / ReactJS, Third party design tools integrations like: Fontawesome, Material Design Icons, Google Fonts etc)

Experience

LDT Technology / Team Lead - AI Architect

OCT 2025 - Present, Zirakpur, PB

My role with LDT Technology involves the following -

- Worked as a **Team Lead** in a team of 8 people under direct reporting.
- Worked on projects like **Spark.Love** - A popular dating app in Thailand, **VoiceQuik** - An AI based voice assistant platform etc.
- Handled **Daily Scrums**, Project Architecture / **Microservices**.
- Managed **Flutter** frontend development team along with Playstore and Apple store deployments.
- Worked closely with **DevOps** (Prometheus/Loki, Github Actions, Grafana, ArgoCD, Helm, Kubernetes, Terraform etc).

Intellinez Systems Pvt Ltd / Team Lead (L2)

MAY 2022 - April 2025, Mohali, PB

My role with Intellinez involved the following -

- Worked as a **Team Lead** in a team of 5 people under direct reporting (.NET Framework 6).
- Worked on **Development Process (SOP) Refinement, Automated Deployments, Automated Cloudflare DNS** using shell scripts etc.
- Worked directly with clients in a role similar to **Business Analyst** as well as **Solution Architect**
- Worked on **OpenAI API** based application platform to provide tools like - **Prompt Engineered Audio to Text, Video to Audio & Text to Audio** conversion, **Questions Generation** with help of prompt via API.
- Worked on implementations of various **AI models** (Yolo, Meta Llama, DeepSeek R1, HURIDOCs/pdf-document-layout-analysis etc) and **Retrieval Augmented Generation**.
- Worked on **GraphQL** based API development on **LARAVEL 10** and integration with **Angular JS** applications.
- Worked on **Ethereum based Blockchain** systems.
- Worked on **Monolithic- Tenant based and Microservices** based architectures.
- Handling an array of multiple **WordPress Multisite Websites**.

- Working with **MSSQL** based **PHP-CodeIgniter** projects (in production)
- Working and maintaining **WP based legacy systems** to upgrade them to newer versions.
- **Milestone Projects in past 3 years -**
 - **MedNavigator.com - by PracticeLink.com**
- Provider database and recruitment marketing / research solution for recruiters (clients of PracticeLink) - **Codeigniter3.x**
 - **LegiCred.com**
- BlockChain based Document attestation platform **.NET 6 F/W**
 - **MeraTutor.ai**
- AI Based Learning Platform for students and institutes. **LARAVEL 10 + WORDPRESS 6.7 + Angular 16**
 - **Mahrte.com/blue-label**
- Platform to manage orders and shipping of Arms, Ammunition, Tactical gears etc. in Brazil **REST APIS + WORDPRESS 6.3 + WooCommerce**

Realmonkey / Sr. Software Engineer

MAY 2018 - April 2022, Mohali, PB

My role with Realmonkey involved the following -

- **WordPress** based Website Customizations, Theming and Plugins development etc.
- Working with **CodeIgniter Framework** based web development
- Working with **Google Cloud API** development
- Working with **AWS** Setup/Backup/Development and **VPN** configurations etc
- Working on **Google Chrome Extensions** development
- Creating **Mobile Application Backends** using **NodeJS/MongoDB** and **notifications messages** using **MQTT**
- Working on **Electron - NodeJS** based desktop apps
- Worked on **Microservices based API** endpoints for mobile apps.
- Working on **Chrome Extensions** development
- **Third party APIs** like Payments, Twilio, SMS, Whatsapp etc
- Working on **GIT** based **Versioning Control** and backups

- **Planning Projects** development plan and requirements
- Participating in **Sales Meetings** (as Technical Kingpin)
- Managing **Client Communications** to understand technical requirements and planning/conveying them to the design team.

Focus i-Tech Pvt Ltd / Software Engineer

JUNE 2014 - MAY 2018, Solan, HP

My role with Focus i-Tech majorly involved the following -

- **WordPress** based Website Customizations, Theming and Plugins development etc.
- **Drupal** based web development
- Working on **GIT** based versioning control and backups
- **PHP - ZendFramework 1.x** based web development

Deftsoft Informatics Pvt Ltd / Jr. Software Engineer

July 2013 - JUNE 2014, Mohali, PB

My role with Deftsoft Informatics majorly involved the following -

- **Core PHP** based web development for various client websites
- **Wordpress** Customizations, Theming and Plugins development
- **Expression Engine** and **TextPattern CMS** Development
- Handling client communication through Team Lead (via emails)
- Working on their **Custom MVC PHP Framework** for their CRM

Academics

LR Group of Colleges (Himachal Pradesh University) / MCA

2010 - 2013, Solan, HP

Specialization: Database Management Systems

1st Division Master's Degree with no Backlogs

MG College (Punjabi University) / BCA

2007 - 2010, Fatehgarh Sahib, PB

Specialization: Cyber Security

1st Division Bachelor's Degree with no Backlogs

Personal Details

Biographical Details -

I am a 35 year old full of vibes, enthusiastic person. I have been working in the fields of Web Software development for the past 12+ years. During my journey I have worked with various types of requirements, clients, agencies etc. I am very well experienced, highly professional and trustable.

I am looking forward to joining an organization that can help me get **Opportunities to grow further** and help me **Achieve new heights** in my career.

Preferred Job Profiles -

- Software Architect or Equivalent
- Technical Manager or Equivalent
- Team / Product Manager or Equivalent

Relocation possibilities - Looking for Remote options only.

*** Work from home is Preferred.**

* I have a complete WFH office setup (including 24x7 power backup, 100mbps network connectivity, Spare laptop device, A/V peripherals etc.)

Notice Period - 45 Days