

# PANKAJ JHA

## SENIOR SOFTWARE DEVELOPER

Experienced Software Developer with 6+ years in building and delivering 10+ projects from scratch. Skilled in system design, monolithic and microservices architecture, and database design. Strong focus on clean, scalable, and efficient backend solutions.

### Skills

Node.js

Express.js

Nest.js

Java

Spring Boot

Reactjs

Javascript

TypeScript

Vue.js

Mysql

MongoDb

Postgresql

GraphQL

Sequelize

Rest API

Flutter

Microservices

Java

Docker

Github

Biometrics

AWS

GCP

OpenAI

Agile Software Development

### Education

Diploma in Computer Science  
PDM University, 2018

Senior High School  
GBSS School, 2015

### Profile & Contact



05 March 1999



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MIE, Bahadurgarh, Delhi NCR

### Capabilities

- Leadership
- Project Management
- Effective Communication
- Decision Making
- Problem Solving
- Mentoring & Coaching
- Adaptability / Flexibility

### Work Experience

#### Fountane Makerspace Pvt Ltd

July 2025 - Nov 2025 ( Sr. Software Engineer )

- Developed and maintained full-stack AI products using Node.js, PostgreSQL, React.js/Vue.js, and Docker.
- Deployed and managed applications on AWS (EC2, S3, Lambda, API Gateway) with focus on scalability and reliability.

#### Copper Digital

May 2023 - May 2025 ( Sr. Software Engineer )

- Developed a REST API using Node.js, Nest.js, GraphQL, PostgreSQL
- Developed a monolithic and microservices architecture
- Design database, System Design, Payment Gateway, API Integration.
- Guided junior developers and promoted team collaboration.
- Collaborated with cross-functional teams to gather requirements, specify system functionalities, and develop robust software architectures.
- Recognized current issues, executed immediate solutions, and frequently observed deployments.

#### Aryabhat Biometrics (Contract)

Oct 2022 - Apr 2023 ( Sr. Software Engineer )

- Work with Govt project, integrated Biometric system on Passport Seva.
- Work on Java. Spring Boot, Node.js, SDK, Vue.js, MySQL.
- Designed and implemented RESTful APIs, enabling effective communication between front-end and back-end systems.

#### OTS Solutions Pvt Ltd (Contract)

May 2022 - OCT 2022 ( Sr. FullStack Developer )

- Work as a Sr. Full Stack Developer
- Work on Node.js, Express.js, Vue.js, MySQL, and MongoDB
- Server Management ( AWS/S3, Linux Server, GCP)
- Clients Handling ( National, International (Mail, Call) )

#### Webphiser Technologies

Apr 2020 - May 2022 ( Sr. FullStack Developer )

- Proficient in MySQL, MongoDB, Java, Spring Boot, Node.js, Express.js, Nest.js, JavaScript, TypeScript, Socket/WebSocket, and Vue.js.
- Skilled in server management, including AWS/S3, Linux servers, Docker, and Google Cloud Platform.
- Expertise in biometric integration with devices such as Mantra, Morphi, Startek, Tatvik, Kojak, HID Patrol, etc
- Integration of third-party API's, Payment Gateway, Maps, SDK

#### Agami Technologies

Mar 2019 - feb 2020 ( FullStack Developer )

- Work on Node.js, Express.js, Java, Spring Boot, MySQL, MongoDB, Vue.js
- Management ( AWS/S3, Linux Server)
- Rest API development and integration

# Projects

## **MCMS, April 2019 – Dec 2019**

**Java, Spring Boot, Mysql, JDBC, RabbitMQ, elasticsearch, Vue.js**

- Developed and maintained RESTful APIs for all major modules, ensuring clean contracts and reusability.
- Developed and managed SKU (Stock Keeping Unit) logic for product identification and inventory tracking.
- Handled consignee data processing, including validation, storage, and updates.
- Built and maintained tracking systems to monitor shipment and delivery status in real-time.
- Integrated and configured Message Queues (RabbitMQ) for asynchronous communication between services.

## **NetPayments, May 2020 – Apr 2022**

<https://netPayments.in/>

**Node.js, Express.js, Java, Spring Boot, MongoDB, Javascript, Aws, Websockets, Microservices, Vue.js, Redis and GraphQL**

- Led the project end-to-end, from planning to deployment, ensuring timely delivery and quality.
- Designed and implemented integration with multiple Indian bank APIs for payments, balance checks, and account validation.
- Integrated payment gateways (like Razorpay, Paytm, etc.) for seamless transaction processing.
- Developed an Aadhaar-based biometric authentication system using secure APIs and fingerprint devices.
- Designed and built the backend architecture following best practices for modularity and performance.
- Created efficient and normalized database schemas to support large-scale financial data operations.
- Wrote and maintained unit tests to ensure code reliability and reduce regressions.

## **Feasturent, Sep 2020 – Feb 2022**

<https://feasturent.com>

**Node.js, Nest.js, TypeScript, Vue.js, Mysql, Sequelize, Aws, Websockets, Microservices**

- Led the project architecture, development, and deployment from scratch.
- Developed separate platforms for Customer, Delivery Partner, Vendor, and Admin with role-based access.
- Implemented real-time order tracking for customers and delivery partners using WebSockets or polling.
- Built a robust billing and invoicing system with support for discounts, taxes, and payment reconciliation.

## **Solaris Diagnostics, June 2022 – Oct 2022**

**Node.js, Express.js, MongoDB, GCP, Socket.io, SLL Encryption, Vue.js, Apollo GraphQL**

- Solo-handed the entire project development from scratch, including planning, implementation, and testing.
- Built a system for uploading and scanning patient test reports (PDFs, images, etc.).
- Implemented logic to analyze and extract data from scanned reports to generate structured medical test summaries.
- Integrated international payment gateways (e.g., Stripe, PayPal) for secure transactions across regions.
- Ensured full HIPAA compliance for data privacy and patient confidentiality.

## **Turnpoint, May 2023 – Sep 2024**

**Node.js, Express.js, MongoDB, AWS, Java, Spring Boot, Socket.io, SLL Encryption, React.js**

- Solo-handed the entire project development from scratch, including planning, implementation, and testing.
- Built a system for forecasting daily jobs.
- Implemented logic to analyze and generate forecasting reports
- Integrated international payment gateways (e.g., Stripe, PayPal) for secure transactions across regions

## **UFFF, Oct 2024 – May 2025**

**Node.js, Nest.js, TypeScript, PostgreSQL, Microservices, GraphQL, Apollo server, AWS, Redis, and Vue.js**

- Led the project with a team of 10–12 developers, overseeing planning, development, and delivery.
- Designed the overall backend architecture to ensure modularity, scalability, and high performance.
- Created optimized and scalable database schemas for core modules like inventory, orders, and logistics.
- Developed a robust inventory management system to handle stock levels, product SKUs, and restocking logic.
- Implemented logistics partner integrations for shipment tracking, delivery updates, and order fulfillment.
- Promoted clean code practices across the team through guidelines, pair programming, and mentorship.
- Conducted thorough code reviews to maintain code quality, readability, and team consistency.
- Architected the system using microservices, ensuring loose coupling and high availability of services.
- Coordinated team collaboration, sprint planning, and task distribution using Agile methodologies.
- Monitored system health and performance to support continuous improvement and incident response.