

Pankaj Bhandari

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PROFESSIONAL SUMMARY

Senior Software Engineer (Backend) with 5+ years of experience building scalable web, microservices, and real-time systems using Node.js and TypeScript. Strong expertise in REST APIs, distributed architecture, database optimization, and production-grade system design.

TECHNICAL SKILLS

Backend: Node.js, TypeScript, Express.js, NestJS
Frontend: React.js, Next.js, Redux, LWC
Databases: MongoDB, MySQL, PostgreSQL, Redis
Search: Elasticsearch, OpenSearch
Architecture: Microservices, REST APIs, System Design
Real-Time: Socket.IO, WebSockets, Kafka
Cloud & DevOps: AWS (S3, Cognito, SQS, SNS), Docker, CI/CD
Platforms: Salesforce (LWC, Apex), Firebase (Auth, Firestore, Functions)
Security: JWT, OAuth, API Rate Limiting
Tools: Git, Swagger, Postman, Jira

EXPERIENCE

Senior Software Engineer Oct 2024 – Present
Grazitti Interactive Panchkula

- Enhanced enterprise AI-driven SearchUnify platform integrating LLM-powered automation solutions.
- Resolved critical production issues, improving SLA adherence and system reliability.
- Optimized backend services and database queries, improving performance by 30%.
- Collaborated on scalable microservices deployments across enterprise environments.

Senior Node.js Developer Apr 2023 – Oct 2024
Code Brew Labs Chandigarh

- Architected scalable REST APIs serving 40K+ active users across production systems.
- Designed microservices-based backend systems improving modularity and deployment efficiency.
- Implemented real-time features and improved DB performance via indexing and caching strategies.
- Led backend development across 3 concurrent projects and mentored junior engineers.

Backend / MERN Developer Dec 2020 – Apr 2023
Techabet Mohali

- Developed scalable backend services for booking and marketplace platforms.
- Built dynamic scheduling engine with secure payment integrations (Stripe, Razorpay, Paymob).
- Enhanced MongoDB performance through optimized schema design and indexing.

PROJECTS

Enterprise AI Platform – SearchUnify | *Node.js, TypeScript, Microservices, Docker, PostgreSQL*

- Contributed to enterprise Cognitive Search and Agentic AI products including Knowbler, Agent Helper, and SUVA.
- Built scalable microservices with secure service communication and RBAC mechanisms.
- Integrated LLM-based automation workflows and optimized high-volume search queries.

Selected Product & Client Projects | *Node.js, Microservices, MongoDB, MySQL, AWS, React.js*

- Delivered full-stack applications across healthcare, real estate, streaming, and booking domains.
- Designed scalable microservices, real-time systems, and payment integrations.
- Focused on performance optimization, secure API development, and cloud deployments.

EDUCATION

Computer Science Engineering 2017 – 2020
UBTER Uttarakhand