

Summary

Senior Software Engineer with 8+ years of experience in full-stack development and technical leadership. Built and scaled products in fintech (loan systems processing ₹50Cr+ monthly), logistics (50K+ daily shipments), and B2B SaaS. Experienced in architecting microservices, integrating complex third-party APIs (GSTN, payment gateways, courier partners), and leading cross-functional teams. Currently expanding expertise in AI/ML through MTech at IIT Dhanbad while building AI-powered recruitment features at HireEZ. Looking for Staff/Lead Engineer roles to drive technical strategy and mentor engineering teams.

Core Competencies

Backend: Node.js, Express.js, Python, FastAPI, MongoDB, PostgreSQL/MySQL, Redis, Elasticsearch, RabbitMQ/Kafka
Frontend: React.js, Vue.js, Angular, JavaScript (ES6+), HTML5, CSS3
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Jenkins, CI/CD pipelines
Architecture: RESTful APIs, Microservices, Event-driven systems, WebSockets
Integrations: Payment gateways (Razorpay, Paytm), Government APIs (GSTN, e-Way Bill), Third-party APIs
Tools & Practices: Git, Agile/Scrum, JIRA, Swagger, Jest, Mocha
Currently Learning: Machine Learning, LangChain, Generative AI, AI Agent, Prompt Engineering, RAG, Fine-Tuning & OpenAI APIs
Leadership: Team management, Code reviews, Sprint Planning, Stakeholder Communication, Technical Documentation, Mentoring, Technical Interviews, Cross-team Collaboration, Architecture Decisions, Knowledge Sharing, Process Improvement

Professional Experience

Senior Software Engineer | HireEZ Gurugram, India | Aug 2024 - Present

- Leading development of Company Intelligence module that aggregates data from 10+ sources (Glassdoor, LinkedIn, Crunchbase) using ETL pipelines to provide real-time competitor hiring trends, salary benchmarks, and talent movement analytics for 100+ enterprise clients
- Built Talent Pool management system enabling recruiters to organize and segment 100K+ candidate profiles with custom tags and filters
- Implemented Role-Based Access Control (RBAC) system with granular permissions for enterprise clients managing 50+ recruiters
- Developed a customer onboarding workflow, reducing onboarding time at the fingertips through automated setup and guided tours
- Created AI-powered sourcing engine using LangChain and GPT-4, generating boolean searches and identifying passive candidates
- Built Agentic AI system for automated project creation, analyzing job descriptions to suggest sourcing strategies and talent pools
- Implemented report generation service using Puppeteer and ExcelJS, creating branded PDF/Excel reports with candidate analytics
- Developed insights dashboard powered by Agentic AI, providing hiring predictions, market trends, and compensation benchmarks
- Architected event-driven system using Redis Streams for real-time updates across talent pool changes and sourcing activities
- Contributing migration of monolithic modules to microservices, improving system scalability for handling 1M+ monthly searches

Senior Software Engineer | Arthmate Gurugram, India | Oct 2023 - Jul 2024

- Built loan origination system (LOS) processing 10K+ applications daily with automated credit decisioning and KYC verification
- Developed co-lending module integrating with 8+ partner banks via API for loan disbursement and EMI collection
- Implemented bureau integration layer with CIBIL, Experian, and CRIF for real-time credit score fetching and decision making
- Created loan management system handling repayment schedules, EMI calculations, penalty computation, and settlement workflows
- Built automated underwriting engine with 50+ rule configurations, reducing manual verification time by 70%
- Developed API marketplace for B2B partners, enabling them to integrate loan products with standardized documentation
- Implemented PII data encryption and audit trails to ensure RBI compliance and data security standards
- Optimized PostgreSQL queries for loan book reports, reducing MIS generation time from 30 minutes to 3 minutes
- Led a team of 5 engineers in migrating legacy PHP modules to Node.js microservices
- Set up monitoring dashboards tracking loan approval rates, disbursement TAT, and NPA metrics for business stakeholders

Senior Software Engineer | Shypmax Gurugram, India | Dec 2021 - Sep 2023

- Built multi-carrier integration platform connecting with 15+ courier partners (Bluedart, Delhivery, DTDC), processing 50K+ shipments daily
- Developed real-time shipment tracking system using WebSockets and Redis pub-sub, serving updates to 10K+ concurrent users
- Architected rate calculation engine comparing rates across carriers, helping merchants save 20% on shipping costs
- Led Vue.js migration for merchant dashboard, reducing load time by 60% and improving checkout conversion by 25%
- Implemented automated label generation and bulk booking APIs, handling peak loads of 5000 bookings/hour
- Built NDR (Non-Delivery Report) management system with automated retry logic, reducing RTO by 30%+
- Created zone mapping and pincode serviceability checker integrating with multiple courier APIs
- Designed event-driven architecture for order status updates using Kafka, ensuring zero message loss during peak hours
- Set up ELK stack for centralized logging and Grafana dashboards for monitoring SLA compliance across carriers
- Mentored 3 junior developers and led technical interviews for expanding the engineering team

Senior Software Engineer | Simplilearn

- Built and maintained REST APIs and React-based dashboard serving the global learner base.
- Contributed to sprint planning, debugging, and platform enhancement initiatives.

Bangalore, India | Sep 2021 - Nov 2021

Software Engineer | HostBooks

- Developed GST module from scratch including GSTR-1/3B filing, invoice matching, and ITC reconciliation for 500+ businesses
- Built e-Way Bill generation system integrating with NIC APIs, handling bulk generation and auto-extension features
- Created accounting module with journal entries, ledger management, and automated bank reconciliation using MEAN stack
- Implemented Income Tax module supporting ITR filing, TDS returns, and Form 16 generation for salaried employees
- Developed inventory management system with stock tracking, reorder alerts, and barcode scanning capabilities
- Integrated with GSTN, e-Way Bill, and Income Tax APIs, implementing robust error handling and retry mechanisms
- Led migration of modules from monolithic architecture to microservices, improving deployment frequency from weekly to daily
- Progressed from individual contributor to leading a sub-team of 3 developers, conducting code reviews and sprint planning
- Optimized database queries for financial reports, reducing generation time from 45 seconds to under 5 seconds

Gurugram, India | Jun 2018 - Aug 2021

Software Engineer | NSGA

- Developed booking and route management features for transport platform using MEAN stack, serving 500+ daily users
- Built RESTful APIs for vehicle tracking and fare calculation modules, handling 2000+ API calls daily
- Created responsive UI components for driver and passenger dashboards using Angular and Bootstrap
- Participated in code reviews and daily standups, learning best practices from senior developers
- Fixed production bugs and improved page load times by implementing lazy loading for route maps
- Wrote unit tests for booking module using Jasmine, achieving 40% test coverage for new features

Gurugram, India | Jul 2017 - May 2018

Education

Indian Institute of Technology, Dhanbad, India

- Master of Technology in Artificial Intelligence & Data Science | Pursuing

Jul 2024 - Jun 2026

Rajasthan Technical University, Kota, India

- Bachelor of Technology in Computer Science & Engineering | Aggregate: 79%

Jul 2013 - Jun 2017

JIC, Sultanpur, India

- Class XII | Senior Secondary | Aggregate: 78%

Jul 2010 - Jun 2011

JIC, Sultanpur, India

- Class X | Secondary | Aggregate: 77%

Jul 2008 - Jun 2009

Projects

WebRTC Video Chat Application

- Built peer-to-peer video calling using WebRTC and Socket.io for customer support
- Implemented screen sharing, file transfer, and chat features
- Handled NAT traversal using STUN/TURN servers, achieving 95% connection success rate

Auto-Login Chrome Extension

- Developed Chrome extension to automate form filling for internal testing team
- Used Chrome Storage API for secure credential management
- Reduced QA testing time by two hours daily across 10-member team

Certifications

- JavaScript Developer - HackerRank
- Application Developer - Shaw Academy

Achievements

- 1st Rank in College - 2017
- 218th Rank - UPSEE 2013
- 213th Rank - IERT 2013

Languages & Interests

- Languages: Hindi, English
- Hobbies: Coding, Swimming