Amit Dubey

Location: Sultanpur, Uttar Pradesh, India

Phone: +91-7610002325   **Email:** amitdubey8888@gmail.com   **GitHub:** github.com/amitdubeyup   **LinkedIn:** linkedin.com/in/amitdubeyup

Summary

Senior Software Engineer with 8+ years building scalable fintech, logistics, and SaaS platforms handling ₹50Cr+ monthly transactions and 1M+ searches. Expert in system design, microservices, AI-powered applications, and leading teams through architecture decisions and performance optimization. Currently pursuing MTech in AI & Data Science at IIT Dhanbad, seeking Staff/Lead Engineer roles to drive technical strategy and deliver intelligent solutions.

Core Competencies

Frontend: Vue.js (Vuex, Vue Router, Composition API), JavaScript (ES6+), HTML5, CSS3
Backend: Node.js, Express.js, MongoDB, Python, FastAPI, MySQL, PostgreSQL, Redis, Elasticsearch, RabbitMQ, Kafka
Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Jenkins, CI/CD pipelines
Architecture: RESTful APIs, Microservices, Event-driven systems, WebSockets, System Design, Scalability, Performance Optimization
Integrations: Payment gateways (Razorpay, Cashfree, Paytm, Paypal, Stripe), NSDL APIs (GSTN, e-Way Bill), Third-party APIs
Tools & Practices: Git, Agile/Scrum, JIRA, Swagger, Jest, Mocha, Vue Test Utils
AI & ML: 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 at HireEZ   Gurugram, India | Aug 2024 – Jul 2025

- 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 OpenAI APIs, generating boolean searches and identifying passive candidates
- Built AI-assisted 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 AI-assisted systems, providing hiring predictions, market trends, and salary 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 at 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
- Implemented invoicing and payment collection workflows with automated EMI billing and partner settlement reconciliation
- 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 10+ minutes to less than 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 at 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
- Implemented merchant billing and invoicing (GST-compliant), carrier invoice reconciliation, COD remittance settlement reports, and payment gateways (Razorpay, Paytm & Cashfree) for wallet top-ups
- 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 at Simplilearn   Bangalore, India │ Sep 2021 – Nov 2021
- Developed and maintained REST APIs using Node.js serving 500K+ global learners across multiple courses
- Built Vue-based analytics dashboard with real-time progress tracking and performance metrics
- Optimized database queries and implemented caching strategies, improving response times by 40%
- Contributed to sprint planning, code reviews, and platform scalability enhancements

Software Engineer at HostBooks   Gurugram, India │ Jun 2018 – Aug 2021
- 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
- Built invoicing and billing flows with payment links and payment gateway integrations, automated reminders & reconciliation
- 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 8+ developers, conducting code reviews and sprint planning
- Optimized database queries for financial reports, reducing generation time from 45 seconds to under 5 seconds

Software Engineer at NSGA   Gurugram, India │ Jul 2017 – May 2018
- Developed booking and route management features for transport platform using MEVN 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 Vue.js 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 Jest and Vue Test Utils, achieving 40% test coverage for new features

Education

Indian Institute of Technology, Dhanbad, India   Jul 2024 – Jun 2026
- Master of Technology in Artificial Intelligence & Data Science | Pursuing

Rajasthan Technical University, Kota, India   Jul 2013 – Jun 2017
- Bachelor of Technology in Computer Science & Engineering | Aggregate: 79%

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

- HackerRank - Certified Application Developer
- Shaw Academy - Certified Application Developer

Achievements

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

Languages & Interests

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