

ARUSH ROY

Backend Software Engineer | FinTech | NestJS | TypeScript | Laravel

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CORE SKILLS

- **Backend:** NestJS, Node.js, Laravel
- **Frontend:** React, Next.js
- **Languages:** TypeScript, JavaScript, PHP, SQL
- **Database:** MySQL, MongoDB, TypeORM
- **Cloud:** AWS, VPS
- **DevOps:** Jenkins, Git
- **Infra:** Redis, BullMQ, Elasticsearch, Socket.IO
- **Integrations:** Razorpay, PayU, IDfy, SendGrid
- **AI-Assisted Dev:** GitHub Copilot, Claude, Antigravity

ENGINEERING IMPACT

- 100+ production REST APIs
- 50+ enterprise customers
- ₹1,000+ Cr platform transaction scale
- Designed DB schemas & TypeORM migrations
- Owned CI/CD with Jenkins
- Mentored junior developers

STRENGTHS

- API Design
- Database Design
- Performance Optimization
- Payments & Reconciliation
- Production Deployments
- Problem Solving

PROFESSIONAL SUMMARY

Backend-focused Software Engineer with 5+ years of experience building enterprise and fintech platforms. Specialized in designing scalable APIs, relational databases, and CI/CD pipelines using NestJS, TypeScript, Laravel, MySQL, Redis, and AWS. Experienced building production systems serving 50+ enterprise customers and supporting multi-thousand-crore annual transaction volumes.

Comfortable working with AI coding assistants to accelerate development while retaining full ownership of architecture, design decisions, and code review.

PROFESSIONAL EXPERIENCE

Software Engineer

Micronix Systems (Embedded at InvoRush FinTech)
Jul 2023 – Present

- Worked as an embedded engineer within the client's product team, contributing to a B2B fintech platform used by 50+ enterprise customers.
- Designed and implemented 100+ REST APIs using NestJS and TypeScript across payment workflows, settlements, invoice management, reconciliation, user management, organization management, and reporting.
- Designed relational database schemas and implemented TypeORM migrations for production business modules.
- Collaborated on backend architecture, API contracts, and technical design discussions with engineering leadership.
- Integrated Razorpay, PayU, IDfy, AWS S3, and SendGrid into production services.
- Built and maintained Jenkins pipelines automating builds, deployments, environment configuration, and database migrations.
- Improved API latency, build stability, and deployment reliability through backend optimization.
- Worked with Redis, BullMQ, Elasticsearch, and Socket.IO in production systems.
- Mentored junior engineers on NestJS, Git, debugging, architecture, and engineering best practices.
- Integrated AI coding assistants into daily development workflow for implementation planning, code generation, and debugging.

Freelance Full Stack Developer

2019 – Jul 2023

- Delivered custom Laravel applications across healthcare, education, recruitment, and social platforms.
- Managed projects from requirement gathering through deployment and client support.

SELECTED PROJECTS

- **InvoRush:** Enterprise fintech platform for payments, invoice financing, settlements, reconciliation, and reporting.
- **SwiftClinic:** UK telemedicine platform.
- **7Nights:** UAE lifestyle discovery platform.
- **ExamMetrics:** Analytics platform for competitive exam aspirants.
- **DavLove:** Serious matchmaking platform for the Israeli Jewish community.