

AMAN TRIPATHI

Full Stack Software Developer

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LinkedIn | Portfolio | GitHub

PROFESSIONAL SUMMARY

Versatile **Full Stack Developer** (1+ year) skilled in Angular, Node.js, and **NESTJS**. Expertise in building scalable **dynamic forms** and architecting efficient workflows, delivering enterprise-grade features. Proven track record for code optimization, boosting performance, and contributing to a **30% reduction in production bugs**. Focused on agile delivery and cross-functional collaboration.

TECHNICAL SKILLS

- Languages & Core:** TYPESCRIPT, JavaScript, HTML5, SCSS, RXJS, Signals (Angular).
- Frontend:** Angular v16--19+ (Standalone Components), Angular Material, Bootstrap, Micro-Frontends (SPA).
- Backend:** Node.js, **NESTJS**, Express.js, RESTful APIs, JWT Authentication.
- Databases/Data:** MySQL, PostgreSQL, MongoDB, Firebase, TYPEORM, SEQUELIZE.
- Tools & Methodology:** Git, SNYK, Postman, **Agile/Scrum**, Modular Architecture, Dynamic Validation.

PROFESSIONAL EXPERIENCE

Junior Software Developer | Stellar Innovations Pvt Ltd | Bengaluru, India Sep 2024 -- Present

- Optimized** application code, achieving measurable performance improvement and a **30% reduction in production bugs**.
- Led** migration by consolidating **four application repositories** into a single codebase, minimizing technical debt.
- Enforced** code optimization and adherence to DRY principles for greater maintainability.
- Architected** dynamic form validation UI to enable field-level checks and justified bypass functionality.

KEY PROJECTS

WEBKEYING - US Loan Verification App (Mortgage, Deed, NOD) - Professional

- Developed** dynamic real-time **CRUD** for efficient loan verification data management.
- Optimized** complex database queries to enhance data retrieval performance (Est. **20%** reduction in API response time).
- Automated** data extraction from PDFs to form fields using custom shortcut keys, boosting user efficiency.
- Implemented** comprehensive validation for over **300+ form fields**, covering 40% of core business logic.
- Designed** modular, repeatable form sections using FORMLY FORM for scalable form handling.

FESTIO - Food Delivery & Catering Platform - Personal

- Architected** a multi-role platform (User/Vendor/Caterer) with end-to-end order processing, inventory, and payment integration.
- Implemented** delivery logistics, including real-time order tracking and dynamic route optimization algorithms.
- Designed** secure, role-based access control for managing distinct user/vendor permissions.
- Managed** large-scale catalogue data for both restaurant menus and catering packages.

EDUCTAION

- Master of Computer Applications (Software Dev.)** – MANIPAL University, Jaipur | 2025 -- 2027 (*Expected*)
- Bachelor of Arts** – BUNDELKHAND University, Jhansi | 2021 -- 2024

LANGUAGES

- English (Professional Working Proficiency).
- Hindi (Native Proficiency).