

Amit Kumar Rai

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https://amit2001kumar.github.io/Portfolio_Amit

Full Stack Developer | Angular | AWS | CI/CD Specialist

Frontend-focused Full Stack Developer with 3+ years of experience specializing in Angular, TypeScript, and scalable UI development. Experienced in building ERP and SaaS applications, implementing multi-tenant architectures, and deploying applications on AWS using CI/CD pipelines (CircleCI). Strong background in REST APIs, performance optimization, and enterprise-level application development.

WORK EXPERIENCE

Octanics Software • 12/2024 - Present

Software Developer

- Developed enterprise ERP modules (CRM, HR, Inventory, Sales) using Angular & Laravel, supporting **1000+ active users**.
- Implemented **multi-tenant architecture** with customer-specific domain mapping and database isolation.
- Integrated **Stripe & Razorpay** payment gateways ensuring secure and compliant transactions.
- Built **CI/CD pipelines using CircleCI**, reducing deployment time by **60%**.
- Managed AWS ECS deployments using CLI with real-time monitoring and rollback strategies.

Yew Technologies • 08/2023 - 12/2024

Junior Software Developer

- Developed a **large-scale logistics ERP** for India's leading energy and maritime organization using **Angular, TypeScript, and REST APIs**.
- Built **advanced reporting dashboards** with pivot-style analytics, improving operational decision-making for business teams.
- Designed and implemented **responsive UI modules** for Payroll, Surface Movement, Store Management, and Billing systems.
- Optimized frontend performance through code splitting and lazy loading, **reducing page load time by 40%** across key modules.
- Collaborated with **cross-functional teams** (backend, QA, product) to deliver business-critical features within project timelines.

Cylsys Software Solution Pvt. Ltd. • 05/2022 - 05/2023

Software Developer

- Developed **full-stack web applications** using **Angular, JavaScript (ES6+), Node.js (Express.js), and REST APIs**.
- Built **responsive and user-friendly UI components**, ensuring cross-browser compatibility and mobile responsiveness.
- Designed and optimized **RESTful APIs** with efficient database integration using **MySQL**, improving data retrieval performance.
- Contributed to the development of **HRMS platforms, email marketing solutions, and corporate websites**, following clean code and best practices.

EDUCATION

B. Tech in Computer Science

RGPV University • GPA: 78% • 01/2018 - 01/2022

Higher Secondary

MP Board • GPA: 63% • 01/2017 - 01/2018

High School

MP Board • GPA: 80% • 01/2015 - 01/2016

PROJECTS

TurboBusiness ERP Platform

Octanics Software

Technologies: Angular 16, TypeScript, Laravel, MySQL, AWS ECS, AWS Secrets Manager, CircleCI

- Designed and developed an **enterprise-grade ERP platform** for SMEs with scalable business modules.
- Implemented **multi-tenant architecture** with automated, customer-specific deployments and domain mapping.
- Integrated **IndiaMART & TradeIndia APIs** along with WhatsApp, Email, and SMS services for automated lead communication.
- Built **region-aware database access** using AWS Secrets Manager, ensuring secure credential management.
- Developed core modules including **CRM, HR, Sales Pipeline, Inventory, and Advanced Reporting**.

Octanics Corporate Website

Octanics Software

Technologies: Angular 16, Laravel, AWS ECS, CircleCI

- Developed a **modern, responsive corporate website** with integrated TurboBusiness ERP promotion portal.
- Implemented **dynamic pricing tiers** with add-ons and license-based pricing logic.
- Automated **multi-tenant ERP provisioning** with region-specific database allocation.
- Built a **demo booking system** integrated with CRM workflows for automated customer onboarding.
- Created **modular Angular components** to ensure scalability and maintainability across product pages.

Seros Greenline Logistics

Yew Technologies

Technologies: Angular 9–15, .NET MVC, SQL Server, Google Maps API, WebSocket (Real-time)

- Contributed to a **large-scale logistics ERP** for India's leading energy, maritime, and logistics enterprise.
- Developed a **vehicle tracking system** with live GPS monitoring, route optimization, and geo-fencing controls.
- Built a **central fleet management dashboard** with speed override and real-time vehicle status monitoring.
- Implemented **real-time truck tracking** using Google Maps API and WebSocket-based live updates.
- Created **advanced reporting modules** with pivot-style analytics for operational and management insights.
- Developed UI modules for **Payroll, Surface Movement, Store Management, and Automated Billing** systems.

HRMS Management System

Cylsys Software Solution Pvt. Ltd.

Technologies: Angular 14, Node.js, MySQL, JWT Authentication

- Built an **end-to-end HRMS platform** for complete employee lifecycle and performance management.
- Implemented **secure authentication** using JWT with company setup and multi-tenant architecture.
- Developed an **employee dashboard** with task assignment, timesheet tracking, and approval workflows.
- Automated **attendance tracking** with multi-level approval chains and notification alerts.
- Created **performance analytics dashboards** with productivity metrics and reporting.

Send Quick Mail Platform

Cylsys Software Solution Pvt. Ltd.

Technologies: Angular 14, Node.js, MySQL, Email Service Integration

- Developed a **bulk email marketing platform** with advanced campaign management features.
- Built a **drag-and-drop email template editor** with live preview functionality.
- Implemented **dynamic audience segmentation** using advanced filtering algorithms.
- Enabled **scheduled email campaigns** with automated delivery, tracking, and reporting.
- Created an **analytics dashboard** to monitor campaign performance and engagement metrics.

Cylsys Corporate Website

Cylsys Software Solution Pvt. Ltd.

Technologies: Angular 14, Node.js, MySQL, CMS Integration, SEO Optimization

- Developed a **professional corporate website** showcasing company services, products, and portfolio.
- Built dynamic sections including **About Us, Client Portfolio, Service Gallery, and Career Portal**.
- Integrated a **CMS backend** for real-time content updates and management.
- Designed a **mobile-responsive UI** with interactive components and smooth animations.
- Implemented **client testimonials** with automated rotation and engagement tracking.
- Optimized site performance using **SEO best practices, caching strategies, and fast-loading architecture**.

SKILLS

FrontEnd: Angular (9–17), TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, Bootstrap

BackEnd: Laravel (PHP), Node.js (Express.js), .NET MVC, REST APIs

Database: MySQL, SQL Server, Database Design, Query Optimization

Cloud & DevOps: AWS (ECS, S3, Secrets Manager, Lambda), CI/CD, CircleCI, GitHub

Tools & Integrations: Git, Postman, Stripe, Razorpay, WhatsApp API, VS Code

Architecture: Multi-tenant SaaS, Database Isolation, Domain Mapping