

Amit Kumar Rai

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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 Software Developer	12/2024 – Present
<ul style="list-style-type: none">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 Junior Software Developer	08/2023 – 12/2024
<ul style="list-style-type: none">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. Software Developer	05/2022 – 05/2023
<ul style="list-style-type: none">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	01/2017 - 01/2018
MP Board • GPA: 63%	
High School	01/2015 - 01/2016
MP Board • GPA: 80%	

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