

# ASHOK KUMAR BOYA

## Software Engineer

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Hyderabad



## SUMMARY

Software Engineer with 2.4+ years of experience specializing in full-stack development (Angular/.NET Core). Proven track record of optimizing performance (e.g., 25% faster APIs via Redis) and deploying scalable solutions (Docker). Passionate about Agile-driven innovation..

## EXPERIENCE

### Software Engineer

#### Tech Mahindra Ltd

01/2023 - Present Hyderabad

A global technology leader specializing in digital transformation, consulting, and business process re-engineering services.

- Built 5+ Angular/.NET modules for Nestle's trade promotion platform, reducing manual workflows by 40% and saving 20+ hours/month.
- Optimized API response time by 25% by implementing Redis caching for session management, collaborating with senior engineers
- Collaborated in Agile sprints to deliver features 20% faster than estimated timelines
- Developed E-Commerce App featuring Redis-based cart management and dynamic quantity tracking
- Increased codebase efficiency by 30% by optimizing .NET Core and Angular cooperation.
- Enhanced transaction processing speed by 40% by restructuring Stripe payment integration.
- Contributed to the development of 50+ RESTful APIs in a high-volume environment.
- Implemented new ETL processes, resulting in a 30% increase in data processing speed.

## EDUCATION

### Bachelor of Technology in Electrical and Electronics Engineering

#### Chadalawada Ramanamma Engineering College

06/2019 - 06/2022 Tirupati

## LANGUAGES

English  
Proficient



Hindi  
Advanced



Telugu  
Native



## CERTIFICATIONS



### AZ-900

Azure Fundamentals

## STRENGTHS



### Full-Stack Development

Strong expertise in full-stack development with a focus on modern frameworks and integration techniques

## KEY ACHIEVEMENTS



### Web Application Development

Successfully developed and managed diverse web applications leveraging a variety of technologies

## SKILLS

ASP.NET Core

Azure fundamentals

ASP.NET Core MVC

C#

Docker

ETL

GitHub

HTML/CSS

JavaScript

SQL

SSIS

TypeScript

NET Core

RESTful API

NET Entity-Framework

Microservices

Stripe-payments

SQL Server Management Studio 2020

Angular

## PROJECTS

### NESTLE USA (NUSA) – WEBAPPS

01/2023 - Present USA

Nestle USA manages a suite of integrated web applications built on Microsoft .NET and SQL Server platforms, supporting core business functions in Marketing & Sales and Supply Chain

- Led the implementation of Redis caching (under senior guidance) for Nestle's platform, reducing API latency by 25%
- Developed and maintained ASP.NET MVC and Angular-based web applications for business workflows
- Implemented Redis for session caching and real-time data synchronization
- Used SSIS and legacy DTS packages for ETL processes to load, transform, and sync data
- Integrated Docker containers for streamlining development processes
- Built secure Restful APIs with JWT token authentication

## INDEPENDENT PROJECTS

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### Live Stocks Trading Platform with Razorpay Integration | Personal Project | 2024

#### Not Hosted

📅 2025

Implemented production-grade features:

- Secured real-time stock data via Finnhub WebSocket (AWS EC2-hosted) and sandbox payments (Stripe).
- Built mock auth services for local testing, accelerating development cycles
- **JWT refresh tokens** with IP whitelisting for security
- Integrated **RazorPay** sandbox for test transactions and threshold-based alerts to prevent stockouts.
- *Tech Stack:* Angular, .NET 8, SQL Server, Redis
- Built admin dashboards(Chart.js) for sales analytics and role-based access control(JWT) for secure operations.

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### E-Commerce Platform with Stripe Integration | Personal Project | 2023

#### Deployed on Windows Server (IIS)

📅 2024

- Developed end-to-end e-commerce solution with **Stripe payment gateway** handling 50+ test transactions
- Implemented **Redis-based cart system** with dynamic quantity tracking and expiry policies
- Built **role-based dashboards** (admin/user) with order analytics using Chart.js
- *Tech Stack:* Angular, .NET Core, Stripe API, Redis, SQL Server
- Developed an end-to-end SCM system with real-time stock tracking and auto-restocking (12hr job), reducing manual interventions by 70%.
- Added rate limiting (10 requests/min) to prevent API abuse

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### Real-Time Dating Application | Personal Project | 2023

#### Deployed on Windows Server (IIS)

📅 2023

- Created **SignalR-powered chat system** with typing indicators and read receipts
- Designed **JWT authentication** with role-based access (admin/moderator/user)
- *Tech Stack:* ASP.NET Core, SignalR, Angular, Redis

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### ServiceNow-like Task Manager | Personal Project | 2024

#### Deployed on Windows Server (IIS)

📅 2024

- Developed **OAuth 2.0 login** with JWT refresh tokens for secure access
- Implemented **task assignment workflows** with status tracking (To Do/In Progress/Done)
- Added **rate limiting** (10 requests/min) to prevent API abuse
- *Tech Stack:* .NET Core Web API, Angular, SQL Server, Redis