

# ASHOK KUMAR BOYA

## Software Engineer

+91-8919388938 ashokboya891@gmail.com www.linkedin.com/in/boya-ashok-kumar-b6bb71227 Hyderabad

### SUMMARY

2.4 years of experience building scalable .NET + Angular applications, with expertise in secure REST APIs, Redis caching, and payment integrations (Stripe/Razorpay). Passionate about cloud-native design and DevOps practices.

### 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, AZ-204

Azure Fundamentals,  
Developing Solutions for  
Microsoft Azure (In Progress)

### 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

Angular

Razor-payments

### 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 | 2025

GitHub : [github.com/ashokboya891/StockAPI](https://github.com/ashokboya891/StockAPI)

📅 2025

Implemented production-grade features:

- Secured real-time stock data via Finnhub WebSocket 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.
- Built admin dashboards (Chart.js) for sales analytics and role-based access control(JWT) for secure operations.
- *Tech Stack*: Angular, .NET 8, SQL Server, Redis

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

GitHub : [github.com/ashokboya891/TaskManager](https://github.com/ashokboya891/TaskManager)

📅 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

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

GitHub : [github.com/ashokboya891/skinet](https://github.com/ashokboya891/skinet)

📅 2023

- 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
- 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.
- *Tech Stack*: Angular, .NET Core, Stripe API, Redis, SQL Server

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

GitHub : [github.com/ashokboya891/DatingApp1](https://github.com/ashokboya891/DatingApp1)

📅 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