### **ASHOK KUMAR BOYA**

#### **Software Engineer**

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#### 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**

苗 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
- · Enhanced transaction processing speed by 40% by restructuring Stripe payment integration.
- Contributed to the development of 50+ RESTful APIs in a high-volume
- 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** 

#### **LANGUAGES**

<b>English</b> Proficient	••••	<b>Hindi</b> Advanced	••••
Telugu	••••		

#### **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

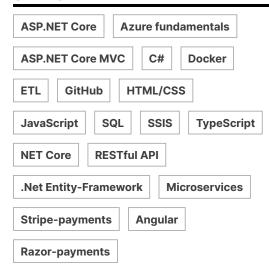
#### KEY ACHIEVEMENTS



#### **Web Application Development**

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

#### **SKILLS**



#### **PROJECTS**

#### NESTLE USA (NUSA) - WEBAPPS

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 realtime 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**

# Live Stocks Trading Platform with Razorpay Integration | Personal Project | 2025

#### GitHub: github.com/ashokboya891/StockAPi

**益** 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

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

#### GitHub: 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

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

#### GitHub: github.com/ashokboya891/skinet

**前** 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

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

#### GitHub: 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

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