Full Stack Developer

KUSH BHARGAVA

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Professional Summary

Versatile and performance-driven Full Stack .NET Developer with 3+ years of hands-on experience in building, integrating, and deploying scalable ERP, POS, and custom enterprise solutions. Proficient in .NET Core, Web API, AngularJS, Ionic Framework, Firebase, and SQL Server. Demonstrated expertise in full project life cycle from requirements gathering to implementation for both Indian and international clients, including US , Germany and UK-based enterprises. Strong problem-solving abilities, a focus on clean code practices, and a collaborative approach to modern development.

Core Technical Skills

Backend	ASP.NET MVC, C#, Web API, .NET Core, Entity Framework
Frontend	AngularJS, HTML5, CSS3, Blazor, Ionic Framework
Databases	SQL Server, Firebase Firestore, CouchDB
Dev Tools	Git, Postman, Visual Studio, Firebase Console, AWS, VS Code
Mobile	BLE Printing, Capacitor Integration, QR/NFC Contactless Systems
Architecture	REST APIs, Real-Time Sync, Background Services, Multi-tenancy ERP
Cloud & DevOps	Server Architecture, AWS EC2 Deployment, S3 Storage Management, AWS Services Overview , CI/CD

Professional Experience

Freelance Full Stack Developer
Nagpur | Aug 2022 – Present

- Executed multiple ERP, POS, and QMS projects for US , Germany and UK-based using ASP.NET Core and AngularJS.
- Developed full-stack modules with RESTful APIs, offline sync logic, and Firebase integration.
- Utilized Capacitor and BLE printing in mobile apps built using Ionic Framework.
- Managed client communications, code reviews, and deployment pipelines.

Aarkay Techno Consultant Pvt. Ltd. – Software Developer
Nagpur | Apr 2021 – Aug 2022

- Built industrial systems for automatic number plate recognition (ANPR) and attendance tracking.
- Worked on Hindalco Attendance Project – integrated biometric logs, dashboards, and payroll exports.
- Created backend services in .NET and Windows Forms for HR and industrial use cases.

Key Projects

Website & Admin Portal (5 months | Client Location: Germany)

- Built a full-stack responsive marketing site for BNM services using .NET and Angular.
- Designed admin dashboard for staff and partner management, reporting, and analytics.
- Included content CMS, user access controls, and downloadable data export features.

Customer App (Ionic + Firebase) (5 months | Client Location: Germany)

- Customer-facing app to book home services like cleaning, cooking, babysitting, and laundry.
- Implemented OTP login, booking status updates, push notifications, and customer support chat.
- Added wallet system, service ratings, and integration with Google Maps.

Partner App (Ionic + Firebase) (5 months | Client Location: Germany)

- App for partners to accept bookings, track earnings, and manage profile/KYC documents.
- Features included job calendar, real-time job alerts, route maps, and BLE printing.
- Enabled in-app onboarding, training materials, and earnings report view.

ERP & POS Platform (6 months | Client Location: US)

- Engineered a modular ERP and POS platform for multi-location restaurant chains.
- Handled order processing, inventory control, kitchen workflow (KDS), and billing.
- Integrated Firebase and CouchDB for offline data management and real-time sync.
- Designed REST APIs and implemented role-based access for Admin and Staff.

Merchant App (Ionic + Firebase) (4 months | Client Location: UK)

- Built a real-time merchant management app for restaurant owners and staff.
- Enabled menu configuration, order tracking, and revenue insights.
- Used Firebase Cloud Messaging for order alerts and offline functionality.

Kitchen Display System (KDS) (3 months | Client Location: Germany)

- Designed an Android tablet-friendly system for kitchen staff to manage live orders.
- Enabled item-wise ticket management, preparation timing, and audio notifications.
- Ensured seamless integration with POS for real-time order dispatch.

Queue Management System (QMS) (2 months | Client Location: India)

- Developed a smart queuing system for retail and clinics to manage customer flow.
- Provided token-based queuing, real-time dashboard, and display panel support.
- Included customer SMS notifications and admin control panel for branch setup.

Captain App (Ionic + Firebase) (3 months | Client Location: UK)

- Designed for restaurant captains to view, accept, and update table orders on the go.
- Implemented live table updates, order history, and BLE printer support.
- Ensured real-time integration with kitchen and billing systems.

Contactless System Integration (2 months | Client Location: US)

- Integrated QR code and NFC features across mobile and web to enable tap-to-order, scan-to-login, and no-touch check-in.
- Improved safety and convenience with minimal physical interaction during service.
- Added fallback support for legacy users without NFC-enabled devices.

ANPR Billing System (Windows App) (4 months | Client Location: India)

- Created a Windows-based system for automatic number plate recognition billing.
- Integrated with ANPR cameras to capture vehicle plates and automate toll/parking charges.
- Developed in C# with multi-threading to support high-speed recognition and payment logging.

Hindalco Attendance Project (6 months | Client Location: India)

- Developed analytics tools and reporting dashboards for Hindalco's internal ad operations.
- Built .NET services to fetch and store ad performance metrics for various campaigns.
- Visualized insights through admin panel using charts, graphs, and KPIs for marketing decisions.
- Designed REST APIs and implemented role-based access for Admin and Staff.
- Integrated Firebase and CouchDB for offline data management and real-time sync.
- Developed a comprehensive Admin Portal to manage and control ERP modules, configurations, and real-time monitoring.
- Handled order processing, inventory control, kitchen workflow (KDS), and billing.
- Engineered a modular ERP and POS platform for multi-location restaurant chains.
- Enabled CSV and Excel exports for payroll and compliance purposes.
- Implemented secure login and role-based access for HR admins and supervisors.

- Developed dashboards and reports to monitor late entries, absentees, and shift compliance.
- Integrated biometric device logs and shift schedules into a centralized database.
- Built a robust attendance tracking system for Hindalco's industrial workforce.

Education

Master of Computer Applications (MCA), Ramdev Baba College of Engineering, Nagpur

Graduated: 2022 | GPA: 8.14/10

Languages

- English (Fluent)
- Hindi (Native)
- Marathi (Fluent)