

BAVISETTI VENKATA KALYAN

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EXECUTIVE SUMMARY

- **.NET Core Developer with 3+ years** of experience in designing, developing, and maintaining scalable web applications.
 - Proficient in **ASP.NET Core, C#, Entity Framework, and RESTful APIs**, with expertise in backend development.
 - Experienced in **SQL Server** for database management and query optimization.
 - Strong knowledge of **MVC, Dependency Injection (DI), and authentication mechanisms (OAuth2, JWT, Active Directory)**.
 - Familiar with **front-end technologies** like JavaScript, jQuery.
 - Excellent **problem-solving skills** and ability to work in **Agile/Scrum environments**.
 - Strong **communication and collaboration skills**.
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TECHNICAL SKILLS

Programming & Development:

- **Languages:** C#, .NET Core, ASP.NET Core, LINQ, Entity Framework (EF Core)
- **Web Development:** RESTful APIs, MVC, Razor Pages, Blazor
- **Frontend Technologies:** JavaScript, jQuery
- **Database Technologies:** SQL Server, MySQL
- **ORMs & Data Access:** Entity Framework Core, Dapper

Networking & Security:

- **Protocols:** HTTP, HTTPS, TCP/IP, WebSockets
- **Authentication & Authorization:** OAuth2, JWT, Identity Server, Active Directory

Development Tools & Version Control:

- **IDE & Tools:** Visual Studio, VS Code, Postman, Swagger
- **Version Control:** SVN, Git, GitHub

Testing & Performance Optimization:

- **Unit Testing:** xUnit, Postman
- **Manual Testing**

EDUCATION & CERTIFICATIONS

- BTech Graduate (2021)
 - Certified .NET Developer – Naresh IT
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PROFESSIONAL EXPERIENCE & PROJECTS

Varsun Information Technology Pvt Ltd

Sr. .NET Engineer (March 2022 – Present)

Projects:

AQMD CORE RESTful API

- Developed and maintained **core RESTful API services** for AQMD, supporting business operations and data management.
- Implemented **authentication and authorization mechanisms** to ensure secure access.
- **Optimized API performance** by implementing **caching strategies**, reducing response times, and improving scalability.
- Collaborated with frontend teams to provide **well-documented API specifications** and enhance integration.
- Monitored and maintained API reliability, handling **bug fixes and enhancements** as needed.

ENFORCE Project (Web Application in .NET Core)

- Developed and optimized a **web-based enforcement application** using .NET Core, enhancing **case management and workflow automation**.
- Refactored existing code to improve **performance, maintainability, and scalability**.
- Integrated **role-based access control (RBAC)** to enhance security and user management.
- Gathered requirements from stakeholders and implemented **key business functionalities**.
- Conducted **rigorous testing and debugging** to ensure a seamless user experience.

Enforce API (RESTful API Project)

- Designed and developed **RESTful API endpoints** for seamless integration with the Enforce application.
- Ensured API endpoints adhered to **best practices in performance, security, and maintainability**.

- Implemented **logging, monitoring, and exception handling** mechanisms for improved system reliability.
- Created **API documentation** for developer support and third-party integrations.

External Notification (MVC Framework, Enforce API Integration)

- Developed an **external notification system** using **MVC architecture**, integrating with the Enforce API.
- Designed and implemented **CRUD (Create, Read, Update, Delete) operations** for notifications.
- Developed an **efficient patching mechanism** to allow **partial updates** for notifications.
- Enhanced **notification handling logic** to support **multiple channels** like email and SMS.
- Improved system responsiveness by implementing **asynchronous processing** where applicable.

ATS (Application Tracking System in .NET Core)

- Developed an **Application Tracking System (ATS)** to manage **meeting schedules, agendas, and document workflows**.
- Implemented **user-friendly interfaces** for scheduling, document upload, and collaboration.
- Optimized **database queries** for efficient data retrieval and storage.
- Integrated **role-based access controls** to secure sensitive information.
- Provided **ongoing maintenance, feature enhancements, and bug fixes** to improve usability.

OrgForms (Customizable Organization Forms in .NET Core)

- Developed a **customizable form builder** for organizations using **.NET Core**.
- Designed a **dynamic form creation module** to allow users to create, modify, and manage forms with customizable fields.
- Implemented **role-based access control (RBAC)** to ensure **secure data handling**.
- Optimized backend performance using **Entity Framework Core** and efficient database queries.
- Integrated **file uploads and validation mechanisms** to enhance data collection.

AWARDS & RECOGNITIONS

- **Star Performer Award** – Recognized for outstanding contributions and exceptional performance.
 - **Team-Level High Performer Award** – Delivered high-quality work and exceeded expectations.
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PERSONAL DETAILS

- **Date of Birth:** 13th March 2000
- **Location:** Hyderabad, India.