

# VINAY H N

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## Professional Summary

.NET Full Stack Developer with 1.8+ years of experience building scalable web applications using .NET Core, React.js, Entity Framework Core, and Azure. Skilled in RESTful API development, secure authentication (JWT/Azure AD), and CI/CD automation with GitHub Actions. Experienced in integrating Microsoft Graph API for Azure AD and ServiceNow APIs for incident data. Strong in SOLID principles, layered architecture, and RBAC within Agile environments.

## Technical Skills

- Languages:** C#, SQL, LINQ
- Backend Frameworks:** .NET Core, ASP.NET MVC, Entity Framework Core
- Frontend Technologies:** React.js, JavaScript, HTML5, CSS3, Bootstrap
- Database:** Microsoft SQL Server
- Tools & IDEs:** Visual Studio, VS Code, Postman, GitHub
- DevOps & Deployment:** GitHub Actions, IIS, CI/CD Pipelines, Ocelot API Gateway
- Authentication & Security:** JWT, OAuth, Azure SSO, Azure AD
- Others:** Hangfire, Agile, SDLC

## Professional Experience

### SLK Software Pvt Ltd

*Full Stack Developer*

Bengaluru, Karnataka

Sep 2023 – Present

- Engineered and maintained high-performance enterprise web applications leveraging **ASP.NET Core** and **React.js**, enhancing user experience and system reliability.
- Optimized **LINQ queries** and **SQL stored procedures**, improving application response time by **25%** and reducing server load.
- Developed and secured RESTful APIs with **JWT**, **OAuth 2.0**, and **Azure SSO**, ensuring robust authentication and authorization across platforms.
- Designed scalable **CI/CD pipelines**, reducing deployment time by **40%**.
- Participated in **daily stand-ups**, **sprint planning**, and **Agile** reviews.
- Partnered with cross-functional teams—QA, UX, and Product Owners—to deliver features aligned with business goals and user requirements.

## Education

### GM INSTITUTE OF TECHNOLOGY

*Bachelor of Information Science and Engineering (CGPA: 9.29 / 10)*

Davanagere, Karnataka

2019 – 2023

## Projects

### Payroll Input System

**Tech Stack:** .NET Core 8.0, React.js, MS SQL Server, Entity Framework Core, JWT, Hangfire, Microsoft Graph API Integration

- Accelerated payroll data processing by **35%** through designing efficient **RESTful APIs** with optimized **EF Core queries**.
- Integrated **Microsoft Graph API** to dynamically fetch email IDs of Active Directory group members by AD group name, enabling real-time user data retrieval and reducing manual user management.
- Designed and implemented **role-based access control (RBAC)** ensuring secure and structured access to payroll data.
- Developed responsive **React.js** components for streamlined input submission, review, and approval workflows.
- Enabled secure user authentication using **JWT** and **Azure AD**, ensuring seamless and safe access.
- Improved database performance by **30%** through **LINQ** query optimization and efficient indexing using **Entity Framework Core**.
- Automated background processing of payroll tasks using **Hangfire**, reducing manual interventions by **70%** and improving process reliability.

## Support Zone – Incident Management System

**Tech Stack:** .NET Core 8.0, ServiceNow APIs, Ocelot API Gateway, Odata, Azure SSO, Postman

- Designed and developed **RESTful microservices** using .NET Core to manage incidents and attachments from the ServiceNow platform.
- Implemented **OData filters** to efficiently retrieve Incident and Service Request (SR) data based on status, enabling flexible and precise querying.
- Integrated **ServiceNow System APIs** to fetch user and incident data, optimizing query performance and reducing API response time by **25%**.
- Implemented **structured logging** and **centralized exception handling** for improved maintainability and observability across services.
- Secured microservice communication and user authentication using **Azure SSO** and **JWT tokens**.
- Utilized **Ocelot API Gateway** to route, load balance, and secure APIs, following best practices for microservice architecture.
- Validated API functionality and robustness through **Postman** and automated test cases.
- Collaborated with DevOps teams to ensure smooth deployment via **CI/CD pipelines** and containerized environments.

## Awards

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- 🏆 **Team Player Award (2024)** – SLK Software - *Recognized for collaboration, communication, and technical excellence.*
- 🎓 **Best Outgoing Student (2019–2023)** – GM Institute of Technology - *Awarded for academic excellence and extracurricular achievements.*

## Certifications

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- **Microsoft Certified: Power Platform Fundamentals** | Microsoft | March 20, 2024
- **Full Stack React Bootcamp with .NET API** | Udemy | April 30, 2024
- **React 18 Course 2024: Learn React JS the Fast Way** | Udemy | October 28, 2024
- **DevOps & CI/CD for Beginners** | Udemy | March 25, 2024