MOHIT CHANDRA JOSHI

OBJECTIVE

Experienced **Senior Software Engineer** with **4 years of industry experience** (nearly **5 years total** including training), specializing in **.NET Core** and **Azure**. Currently at **HCLTech**, driving development and production support for enterprise apps like **AAM**, with a focus on **scalability, security**, and **cloud-native architecture**.

TECHNICAL SKILLS

Backend & Frameworks:
.NET Core, Web API, MVC & Layered Architecture

Cloud & DevOps (Azure):
Azure App Services, Azure Functions, Azure Key Vault, Azure Storage, Azure Data Factory (ADF), Managed Identity, Azure AD Authentication

Security & Authentication:
OAuth 2.0, JWT, Azure AD, CSRF Protection, OWASP Guidelines

Databases:
MS SQL Server (2012+), LINQ, Stored Procedures, Query Optimization, Joins

Version Control & Tools:
GitHub, Azure DevOps, TFS, Visual Studio, Visual Studio Code

Basic Frontend Exposure (when needed):
React.js (Next.js), HTML5, CSS3, Bootstrap

ADDRESS

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PROFESSIONAL EXPERIENCE

Senior Software Engineer | HCLTech Ltd.

 October 2021 – Present
Technologies: .NET Core, React.js, Azure, Microservices, SQL Server

• Engineered and optimized **.NET Core** web applications, boosting performance by **30%** and enhancing user experience.

• Revamped legacy **.NET MVC** to modern **React.js** using the **Next.js** framework with static HTML export for improved front-end performance and maintainability.

• Migrated version control from **TFS to GitHub** and coordinated with DevOps team for automating deployment pipelines with **DevOps**, streamlining the workflow from **GitHub to Azure**.

• Implemented **OWASP security best practices**, enhancing system security, functionality, and overall performance.

• Mentored junior developers, conducting **knowledge-sharing sessions** and promoting best coding practices to elevate team skills.

• Collaborated cross-functionally with **QA**, **Product**, and **Client teams**, aligning technical solutions with business requirements and goals.

• Designed and deployed cloud-based applications using **Azure App Services**, **Azure Functions**, **Key Vault**, **Storage**, and **ADF** for seamless, scalable solutions.

• Developed **high-performance REST APIs** and **microservices** with **.NET Core**, ensuring efficient and scalable back-end services.

• Applied **OAuth**, **JWT**, **Azure AD authentication**, and **CSRF protection** to implement robust security protocols.

• Optimized **SQL Server queries**, improving **system performance** and **reliability**.

Associate Delivery Level-1 | smartData Enterprises Ltd.

 January 2020 – October 2021
Technologies: ASP.NET Core, **MVC**, **Azure**, **SQL Server**

• Developed and maintained **web applications** using **.NET Core**, **ASP.NET MVC**, and **Entity Framework** to ensure scalable, high-performance solutions.

• Integrated **Stripe** and **PayPal** payment gateways, streamlining **transaction processing** for e-commerce applications.

• Leveraged **Azure Functions** and **App Insights** to enhance **cloud functionality** and improve monitoring capabilities.

• Identified and resolved **performance bottlenecks** in databases and application logic, optimizing overall system efficiency.

• Contributed to **R&D initiatives**, researching innovative solutions to improve application speed and functionality.

EDUCATION

- **Master of Computer Applications (MCA)** – Amrapali Group of Institutes, Haldwani *(Post Graduated: 2020)*
- **Bachelor of Computer Applications (BCA)** – Amrapali Group of Institutes, Haldwani *(Graduated: 2018)*
- **Class XII (CBSE)** – The Masters School, Haldwani *(2015)*
- **Class X (CBSE)** – The Masters School, Haldwani *(2013)*

PROJECTS

1. Application Access Portal (2021 - Present) | Enterprise Application

Tech Stack: .NET Core (Web API & Web App), React.js, MS SQL Server, Azure App Services

Responsibilities:

- Developed a centralized access platform **managing 31 applications**, improving security and access efficiency by 50%.
- Collaborated with **business and development SPOCs** to ensure approved access reflects across all applications through a common **replicated database**.
- Developed and deployed **Azure Functions** for automation and background tasks.
- Implemented **OAuth, SSO, and Managed Identity authentication** for secure user and database access.
- Built **Azure Data Factory (ADF) pipelines** and integrated **Application Insights** for monitoring.
- Deployed and managed the solution on **Azure App Services** while following **security best practices**.
- Led technology **upgrades and optimizations** to enhance system efficiency and scalability.

2. Client Visit Portal (2023 - 2024) | Enterprise Application

Tech Stack: .NET Core (Web API), MS SQL Server, Azure App Services

Responsibilities:

- Developed a centralized platform for **dependent application teams** to manage visitor access.
- Designed **CRUD operations** for efficient content management and user access control.
- Integrated **OAuth, SSO, and Managed Identity authentication** for secure data access.
- Built and deployed **Azure Functions** to automate background tasks.
- Coordinated with **frontend and backend teams** to ensure seamless system functionality.
- Deployed the application on **Azure App Services** with enhanced **security best practices**.
- Optimized database queries, reducing API response time by 40% and improving system uptime

3. Celevideos (2020 - 2021) | Client Application

Tech Stack: .NET Core (Web API), MS SQL Server, Azure App Services, Angular 8

Responsibilities:

- Integrated Stripe and PayPal payment gateways for seamless transaction processing.
- Developed CRUD operations and user flows for talent profile management.
- Built and deployed Azure Functions for automation.
- Collaborated across frontend and backend teams to optimize system functionality.
- Deployed and secured the platform on Azure App Services, enhancing security practices.

4. GRABISH (Movies/Shows Downloading Site) (2020) | Academic Application

Tech Stack: .NET Core (Web API), Angular 7, MS SQL Server

Responsibilities:

- Designed and developed an intelligent categorization system for movies and TV shows, offering personalized recommendations based on user input.
- Spearheaded the CRUD operations for dynamic content management, enabling seamless user interactions and easy data updates.
- Leveraged Angular 7 for a smooth and responsive front-end interface, significantly improving user experience and engagement.
- Implemented scalable backend APIs using .NET Core, ensuring fast and reliable content delivery across the platform.
- Enhanced user browsing experience through UX/UI improvements based on real-time user feedback, resulting in higher engagement metrics.

5. Tour & Travels – Ride Your Way (2019 - 2020) | Academic Application

Tech Stack: PHP, MySQL, HTML, CSS

Responsibilities:

- Developed a comprehensive ride booking and travel management platform with a focus on user-friendly booking and real-time tracking.
- Implemented a robust user role system (Admin, Driver, Customer) to manage diverse user needs efficiently.
- Integrated real-time ride tracking features using GPS for enhanced customer experience and safety.
- Designed and developed intuitive user interfaces with HTML/CSS to increase customer satisfaction and reduce booking errors by 25%.
- Enhanced backend performance using MySQL, optimizing database queries for faster data retrieval and processing.

6. e-Teachers (Hybrid Android App) (2018 - 2019) | Academic Application

Tech Stack: PHP, MySQL, HTML, CSS, jQuery, AJAX, PhoneGap

Responsibilities:

- Built a hybrid Android app to provide a centralized educational platform for students and teachers to access learning materials and course content.
- Developed a comprehensive teacher profile management system, allowing teachers to upload resources, track student progress, and offer personalized feedback.
- Integrated real-time notifications to alert students about new study materials, assignments, and important updates, improving engagement by 40%.
- Developed a content management system (CMS) for teachers to organize and update educational resources efficiently, leading to a 30% faster content update process.
- Focused on enhancing mobile-first design, ensuring optimal performance and user experience across various Android devices.

7. Online Technical Quiz (2017 - 2018) | Academic Application

Tech Stack: PHP, MySQL, HTML, CSS, Bootstrap

Responsibilities:

- Developed an interactive quiz platform for technical subjects with real-time scoring and automated result tracking.
- Implemented dynamic question banks, allowing subject-wise categorization and randomization to provide a diverse quiz experience for users.
- Integrated user analytics to track progress, quiz attempts, and performance, offering detailed feedback for improvement.
- Optimized the quiz flow and user interface using Bootstrap, resulting in a 20% improvement in user retention and quiz completion rates.
- Developed features to allow users to compete on leaderboards and share results on social platforms, enhancing user engagement.

CERTIFICATIONS

- **Certified Application Security Engineer - .NET in Feb 2025** – EC-Council
- **HTML5 & CSS3 Fundamentals** – Microsoft Virtual Academy
- **Cloud Computing & The Virtual World** – Amrapali Group of Institutes
- **CodeIgniter-MySQL Certification (40 Hrs)** – Amrapali Group of Institutes
- **Advanced Office Automation (40 Hrs)** – Amrapali Group of Institutes
- **Graphic Designing (Adobe Photoshop & Corel Draw)** – Amrapali Group of Institutes
- **Intellectual Property Rights Awareness** – Uttarakhand State Council of Science & Technology
- **Hybrid App Development Workshop** – Amrapali Group of Institutes
- **Cloud Security Alliance** – OWASP Security Summit

ACHIEVEMENTS

- ♟ **Achievers League 2023** – Awarded **Distinguished Performance** recognition at **HCLTech** for exceptional contributions to software development, delivering high-impact features that significantly improved system efficiency and security. Acknowledged by leadership for outstanding results.
- ♟ **Achievers League 2024** – Honoured with the **"2Good" Award** for **Distinguished Performance** at **HCLTech**, marking **two consecutive years** of outstanding contributions to software development and consistently exceeding expectations.
- ♟ **Achievers League 2025** – Received the **"3ive (Seg A)" Award** for **Distinguished Performance** at **HCLTech**, achieving recognition for **three consecutive years** of delivering exceptional results in software development and contributing to the company's strategic goals.

HOBBIES

- ♟ **Playing Chess** (Strategic Thinking & Problem-Solving)
- 📖 **Tech Blogging & Exploring New Frameworks**