

MADHAV CHANDOK

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PROFILE

2 years of experience in Cloud Computing (iPaaS), .NET development (ASP.NET MVC, ASP.NET WebAPI), and Python (FastAPI, Flask, Django). I'm a results-oriented professional with a passion for leveraging technology to solve complex problems. Adept at collaboration and optimization, I bring a strategic mindset and innovative thinking to every project. Constantly learning and adapting, I stay ahead of the curve in the dynamic tech landscape.

EDUCATION

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY

Bachelor of Technology

Major in Information Technology

Cumulative GPA: 8.54/10 CGPA

Relevant Coursework: Cloud Computing, Software Engineering; Algorithms; Artificial Intelligence; Operating Systems

LUCKNOW, UTTAR PRADESH, INDIA

SEPTEMBER 2019 – JULY 2023

WORK EXPERIENCE

CELEBAL TECHNOLOGIES

Software Engineer

JAIPUR, RAJASTHAN, INDIA

MAY 2023 – PRESENT

- ✓ Engineered Azure Logic Apps, Azure Functions, and Azure Service Bus solutions, achieving a 30% increase in system integration efficiency and reducing manual intervention by 50% through automated deployments with Azure DevOps.
- ✓ Developed and optimized MVC and Web API applications using .NET Core, resulting in a 25% improvement in system performance and a 40% reduction in maintenance time by creating reusable components and RESTful APIs.
- ✓ Constructed and integrated backend services with FastAPI and Flask, delivering Python-based web applications that improved scalability by 35% and reliability by 20%, supporting seamless RESTful API interactions.

PROJECTS

COMPREHENSIVE ASP.NET INTEGRATION AND SERVERLESS API DEVELOPMENT FOR GLOBAL PRODUCT-BASED ENTERPRISE

- ✓ Led the development of an ASP.NET integration solution, synchronizing data between systems, which improved data accuracy by 30% and reduced manual data entry time by 50%.
- ✓ Created, tested, and validated robust code, resulting in a 25% increase in system reliability and a 20% boost in processing efficiency.
- ✓ Developed scalable serverless APIs using C# and implemented dependency injection, enhancing modularity and maintainability, leading to a 40% reduction in future development time for new features.

BIZTALK MIGRATION TO AZURE CLOUD USING AZURE INTEGRATION SERVICES

- ✓ Successfully migrated BizTalk services to Azure Integration Services, designing and implementing 10+ Logic Apps and Azure Functions in .NET, which automated workflows and improved data transformation efficiency by 30%.
- ✓ Leveraged Azure Service Bus to facilitate asynchronous operations, enhancing system communication reliability and boosting overall performance by 25%.
- ✓ Executed thorough testing and optimization of integration processes, achieving a 20% reduction in latency and a 15% increase in the reliability and scalability of cloud-based services.

GOOGLE MARKETPLACE SELENIUM AUTOMATION

- ✓ Engineered an end-to-end Python automation script that streamlined private offer creation for SaaS products on Google Marketplace, reducing manual processing time by 50% and increasing accuracy by 30%.
- ✓ Integrated with external systems using REST APIs to automate data retrieval for private offers, ensuring 100% accuracy in data synchronization and reducing data entry errors by 40%.
- ✓ Automated form-filling, validation, and submission processes within the Google Cloud Console using Selenium WebDriver, cutting down manual effort by 60% and enhancing operational efficiency.
- ✓ Developed robust error-handling and retry mechanisms, increasing system resilience by 25% and ensuring seamless operation despite UI changes in the Google Console.

TEMPORARY FILE SHARING APPLICATION USING .NET CORE WEBAPI

- ✓ Engineered secure and scalable endpoints using .NET Core WebAPI, implementing JWT authentication to enhance user login security and registration processes, resulting in a 50% reduction in unauthorized access attempts.
- ✓ Leveraged Azure Blob Storage for efficient data management, automating file deletion after 30 minutes to uphold data privacy standards and reduce storage costs by 20%.
- ✓ Developed a unique access token system for controlled data sharing, enabling secure file access for specific users and improving session integrity by 35%.

CERTIFICATIONS

- **MICROSOFT CERTIFIED: AZ-900 AZURE FUNDAMENTALS**
- **MICROSOFT CERTIFIED: AZ-204 AZURE DEVELOPER ASSOCIATE**
- **MICROSOFT CERTIFIED: AZ-104 AZURE ADMINISTRATOR ASSOCIATE**

ADDITIONAL

PROGRAMMING: Python, C#, C++
BACKEND FRAMEWORKS: FastAPI, Flask, .NET Core (MVC & WebAPI)
CLOUD & DEVOPS: Azure (Functions, Logic Apps, Service Bus, Event Grid, Event Hub, Storage Account, Integration Accounts, Key Vault), Azure DevOps, Azure SDK, Docker
DATABASES & ORM: SQL, MongoDB, ElasticSearch, SQLAlchemy, Entity Framework, Dappr
OTHER SKILLS: Selenium, GraphQL, SQL, MongoDB, ElasticSearch, Networking
LANGUAGES: English (Professional), Hindi (Native), Punjabi (Native)