

# VISHAL AGARWAL

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## EDUCATION

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- **Babu Banarasi Das University, Lucknow U.P (INDIA)**  
Bachelor of Technology in Electronics & Communication Engineering (2014-2018)  
Passed with First Honors.
- **Lucknow Christian Intermediate College, Lucknow U.P (INDIA)**  
U.P. Board in PCM (2011-2013), Grade: (75/100)

## EXPERIENCE

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- **Siemens Healthineer Pvt Ltd, Bangalore Karnataka (INDIA)**  
**Role:** Test Automation Engineer (Jan 2023 – Current)
  - Objective: Automating system tests using Selenium, NUnit, and C#.
  - NFR Test Cases writing for the Syngo Carbon Application (Scalability, Maturity, and Performance)
- **Fakeeh Technologies Private Limited, Bangalore Karnataka (INDIA)**  
**Role:** Mobile Backend WebAPI Developer (Nov 2021 – Dec 2022)
  - Objective: Building and creating WebAPI for clients, using DOTNET framework C#, Oracle Database, WebAPI.
- **Tata Consultancy Services Limited, Bangalore Karnataka (INDIA)**  
**Role:** Dot-Net Full-Stack Developer (Oct 2018 – Nov 2021)
  - Objective: Building solutions for clients related with Infra, using dot-net framework with integrating different technologies used in client Infrastructure.

## WORK HISTORY

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- **Functional Testing | Siemens Healthineers Private Limited**  
Implementing Functional System Test Cases for the Syngo Carbon Application, Including Risk Test Cases.  
**Role:** Requirement collection, Analysis, Development, Automate Test Cases.  
**Domain:** Hospital & Healthcare.  
**Technologies Used:** C#, DotNet Framework, Web API, WCF, Powershell, CI/CD Pipelines, Bash Scripting, Azure YAML Based CI/CD pipeline creation, HL7 protocols, DICOM Images, GIT, Agile Software Development.
- **Non Functional Testing | Siemens Healthineers Private Limited**  
Implementing Non Functional Test Cases for the Syngo Carbon Application, to check the application Performance, Usability, Reliability, and Maintainability

**Role:** Requirement collection, Analysis, Development, Automate Test Cases.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, DotNet Framework, Web API, WCF, Powershell, CI/CD Pipelines, Bash Scripting, Azure YAML Based CI/CD pipeline creation, HL7 protocols, DICOM Images, GIT, Agile Software Development.

- **DSFH Mobile App API Development | Fakeeh Technologies Private Limited**

Implementation of WebAPI for DSFH Mobile App which helps the patients to Book Appointment for consultation, radiology, Medicine Stock Check, SMS and PUSH Notification send for Android and IOS Mobile users, and Enhancing the current features.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, ADO.NET, DotNet Framework, Web API, Windows Services, ORACLE SQL Developer, EF, MVC 5, WCF, FCM.

- **KAUST Mobile App API Development | Fakeeh Technologies Private Limited**

Implementation of WebAPI for DSFH Mobile App which helps the patients to Book Appointment for consultation, radiology, Medicine Stock Check, SMS and PUSH Notification send for Android and IOS Mobile users, and Enhancing the current features.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, ADO.NET, DotNet Framework, Web API, Windows Services, ORACLE SQL Developer, EF, MVC 5, WCF, FCM.

- **Almoosa Mobile App API Development | Fakeeh Technologies Private Limited**

Implementation of WebAPI for DSFH Mobile App which helps the patients to Book Appointment for consultation, radiology, Medicine Stock Check, SMS and PUSH Notification send for Android and IOS Mobile users, and Enhancing the current features.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, ADO.NET, DotNet Framework, Web API, Windows Services, ORACLE SQL Developer, EF, MVC 5, WCF, FCM.

- **DMFH Mobile App API Development | Fakeeh Technologies Private Limited**

Implementation of WebAPI for DSFH Mobile App which helps the patients to Book Appointment for consultation, radiology, Medicine Stock Check, SMS and PUSH Notification send for Android and IOS Mobile users, and Enhancing the current features

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, ADO.NET, DotNet Framework, Web API, Windows Services, ORACLE SQL Developer, EF, MVC 5, WCF, FCM.

- **FUH Mobile App API Development | Fakeeh Technologies Private Limited**

Implementation of WebAPI for DSFH Mobile App which helps the patients to Book Appointment for consultation, radiology, Medicine Stock Check, SMS and PUSH Notification send for Android and IOS Mobile users, and Enhancing the current features

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Hospital & Healthcare.

**Technologies Used:** C#, ADO.NET, DotNet Framework, Web API, Windows Services, ORACLE SQL Developer, EF, MVC 5, WCF, FCM.

- **Certificate Monitoring Web-Application | Tata Consultancy Services Limited**

A web application which monitoring server/IIS certificates expiration and send notification on a pre-defined intervals before expiration to stakeholders.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Infra Domain.

**Technologies Used:** C#, PowerShell, DotNet Core, Web API, MicroService , MSSQL, EF, MVC 5, WCF.

- **Alert/Incident Automation | Tata Consultancy Services Limited**

A web application which automates Alerts coming from tool and create Incident in the ITSM tool for the respective stakeholders.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Infra Domain.

**Technologies Used:** C#, PowerShell, DotNet Core, Web API, MicroService , MSSQL, EF, MVC 5, WCF, REST API, Python 3.

- **OneClick HelpDesk Toolkit | Tata Consultancy Services Limited**

A WPF application created for end users to resolve issues related with desktop applications like MSEXcel, MSWord, Outlook, etc.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Infra Domain.

**Technologies Used:** C#, PowerShell, DotNet Core, Web API, MSSQL, EF, MVC 5, WCF, REST API, WPF.

- **Shift Roaster & Shift Handover | Tata Consultancy Services Limited**

A web application created for teams to maintain and managing shifts of their team members, also members can handover their shift work another using shift handover portal.

**Role:** Requirement collection, Analysis, Development, Manual Testing and Implementation.

**Domain:** Infra Domain.

**Technologies Used:** C#, PowerShell, DotNet Core, Web API, MSSQL, EF, MVC 5, WCF, REST API, MSEXcel Automation.

## SKILLS

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- **Programming Language:** C#, PowerShell, Bash.
- **Web Development:** HTML5, CSS3, JavaScript, JQuery, ReactJS.
- **Database:** MSSQL, MySQL, Oracle PL-SQL
- **Frameworks and Tools:** Bootstrap, Postman, Visual Studio 2019, MVC 5, EF , WCF, WPF, SSMS, Oracle SQL Developer, WebAPI, ADO.NET, .NET Core, OOPS concept, Selenium, NUnit.

- **Others:** Azure YAML CI/CD pipeline, Agile Methodology, NFR Testing, Functional System Testing.