

Vivek Anand

(Sr. Software Developer)
Woundtech Innovative
Healthcare Solutions Pvt
Ltd, Hyderabad

Bachelor Of Engineering (I.T)

2008-2012 Batch - 66.10%
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Curriculum Vitae

SUMMARY

- With 12 years of extensive experience as a full stack developer proficient in .NET, MEAN, and MERN technologies.
- I bring expertise in web development using C#, ASP.Net, React, Angular, SQL Server, Mongo DB, MySQL, Bootstrap, Material UI, Microservices, Elastic Search, AWS, REST & GraphQL APIs, design patterns like SOLID, GOF, DRY, Project tracking s/w like JIRA, Confluence, etc.
- Possessing extensive expertise in SQL Server, I have a proven track record in database design, database maintenance, and developing T-SQL queries, stored procedures, and triggers. I am well-versed in utilizing SQL Server to ensure efficient and optimized data management.
- I bring extensive US Healthcare industry experience, with a deep understanding of healthcare landscape, regulations, and industry processes. This expertise enables me to develop tailored solutions for the sector's unique challenges and requirements.

SKILL SET

Languages	: C#, TypeScript, JavaScript
.NET Framework	: Microsoft .Net 3.5,4.0, MVC, .NET Core 2.0
IDEs	: Microsoft Visual Studio, VS Code
Databases	: SQL :- SQL Server, MySQL, Oracle. NoSQL:- MongoDB, FHIR
Project Tracking SW	: JIRA, Azure DevOps, Trello
Version Control	: Team Foundation Server(TFS), SVN, Git
JS Framework	: jQuery, Typescript, Angular 5, React JS
AWS	: Elastic Search, SQS, Lambda, S3, EC2.
Responsive UI	: Bootstrap, Angular Material, Material UI
API	: REST API, GraphQL API

Notable Credits

- ⇒ Achieved 1st prize in a 2-day Hackathon hosted by Woundtech for successfully implementing the Voice Note feature. (<https://tinyurl.com/whHackathon>)
- ⇒ Implemented Elasticsearch in the Patient & Task Search module as the sole contributor, significantly enhanced the performance of the EMR application during search operations.

CERTIFICATION

- ⇒ Microsoft Certified Professional Developer (MCPD) in Web Application Development Framework 4.0, 70-515.

Employment Scan

1. Sr. Software Developer at Woundtech Innovative Healthcare Solutions Pvt Ltd., Hyderabad (10-Jan-2022 to current)
2. Sr. Software Developer at CompuCom CSI India Pvt. Ltd, Pune (11th Sep 2019- 7th-Jan-2022.)
3. Technology Lead at Infosys Limited, Pune (6th May 2019 – 9th Sep 2019, 5 months).
4. Sr. Software Developer at DecisiveEdge Technology, Pune (3rd May 2017 – 3rd May 2019, 2 Yrs.)
5. Software Dev Analyst at NTT Data (Formerly Dell Services), Noida (28th Jan 2013 - 28th Apr 2017, 4.4 Yrs.)

Project Experience**1. Project: EMR-2.5Yrs****(Jan 2022 to Current)**

Target Client	Patient having wound or some disease
Technologies	.NET, React JS, Next JS, FHIR DB, Nest JS, Node JS, Elasticsearch, Kibana, AWS, Lambda, Serverless, GraphQL, SQS, SNS, Mongo DB, JIRA, Confluence, DataDog, SonarQube, SonarLint, ESLint.
Roles	Sr. Software Developer
Domain	HealthCare
Description	Worked on developing EMR, a web application for wound management designed for clinicians and patients. Leveraged FHIR as the storage system for patient-related data, including appointments and wound details. Clinicians can conveniently capture wound images on-site using the app, which is accessible on both iPad and web browsers. Integrated various APIs, such as DataDog for issue monitoring, Availability for tracking practitioner availability, CRON Jobs for scheduled tasks, Elastic Search for faster search capabilities, and Route4Me for optimized clinician visit routes.
Responsibilities	<ul style="list-style-type: none">• Implemented ElasticSearch from scratch to make the Patient & Task search module faster.• Improved search performance from 7-10 seconds to less than 1 sec.• Peer code review & approving pull requests.• Implemented serverless lambda function and deployed on AWS.• Used microservice based architecture for the backend, ensuring a scalable and modular system design that promotes flexibility, independence, and easy maintenance of individual services.• Worked on FHIR database based on HL7.• Followed most of the design patterns to write efficient code like SOLID, GOF, DRY etc.• Used multiple tools & extension to write the efficient code like SonarCube, SonarLint, ESLint, Codium AI, Prettier, ChatGPT etc.• Using JIRA for task tracking.• Confluence to documents all the new features for future reference.

2. Project: Office Depot-2.4Yrs**(Sep 2019 - Jan 2022)**

Target Client	Office Depot
Technologies	Mongo DB, React JS, Express JS, Angular, Node JS , .NET Web API, JIRA
Roles	Sr. Software Developer
Domain	eCommerce
Description	The Office Depot Corporation is an American office supply retailing company headquartered in Boca Raton, Florida. The company has combined annual sales of approximately \$11 billion, and employs about 38,000 associates with businesses in the United States.
Responsibilities	<ul style="list-style-type: none">• Worked as a Sr. Developer in building the Vendor Program System (VPS) application, used by all the vendors of Office Depot.• Sending weekly status report of team members• Performed all release management activity.

3. Project: Microsoft Service Desk-5 Months**(May 2019 to Sep 2019)**

Target Client	Microsoft
Technologies	Angular6, Unit testing framework (Jasmine), Version control – Git, Azure DevOps (CI/CD platform)
Roles	Technology Lead
Domain	NA
Description	Service Desk is a product owned & used by Microsoft FTEs (Full Time Engineers) to track and handle all the issues that Microsoft gets through their customer support. End user of the application is the customer support team of Microsoft. We are responsible for delivering the new features & bug fixes of the application. Cloud hosted API. Frontend developed using Angular. We are using Git as a version control along with the Azure DevOps pipeline for CI/CD process.
Responsibilities	<ul style="list-style-type: none">• Handled team of 8 members as a technology lead. Guided them in order to resolve bugs & deliver the successful build of the application.• Coding, preparing design doc, code review, followed agile practices (scrum methodology).• For every new functionality or bug fixes, we follow strict coding guidelines and also, we must

	have to write the unit test of the code using jasmine, before creating any pull request. • Sending weekly status report (WSR) containing all the deliverables along with the team's performance to Microsoft FTEs (Manager).
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4. Project: 5th Port-2Yrs (May 2017 - May 2019)

Target Client	US Healthcare Industry
Technologies	Angular 5.0, Mongo DB, .NET Core, JSON
Roles	Sr. Developer
Domain	Healthcare
Description	Web application, compatible on iPad and Chrome, developed for patients to remind them about their medication and its pros and cons.
Responsibilities	<ul style="list-style-type: none"> • Worked with the team of 7 members to develop the application from scratch. • Developed a signature module independently in angular for digital signature on iPad. • Created a common module for message notifications that can be used across the application and even can be integrated with the other angular application.

5. Project: Crosswalk-4.5Yrs (Jan 2013 to Apr 2017)

Target Client	Payer and Provider of US Healthcare
Technologies	C#, AJAX, ADO.Net, WCF Service, Windows Batch Service, ASP.NET MVC 5, Entity Framework, LINQ, Bootstrap 3, Web API
Roles	Developer
Domain	Healthcare
Description	ICD-10 Crosswalk solution package is for payers and providers, to help them facilitate transition from ICD-9 enabled systems to ICD-10 systems. Ultimate goal of the application is to convert the ICD 9 codes to the corresponding ICD10 codes and vice-versa in the X12 Institutional claims.
Responsibilities	<ul style="list-style-type: none"> • Involved in Designing and Development. • Used 3-layered architecture for the UI, Business and Data Access Layers and were coded using C#. • Written SQL queries, stored procedure, triggers and functions to meet the requirements. • Basic knowledge of EDI transaction set especially 837 (Institutional, Professional, Dental) and 835 • Security features implemented like encoding and decoding form data, removing query string, etc.

Declaration:-

I hereby declare that the above information is true to the best of my knowledge and conscience.

Date : -

(Vivek Anand)