Aman Bhateriya

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SUMMARY

BCA graduate with hands-on experience in .NET Core Web API and ReactJS, including a one-year internship at PragetX Technologies, Ahmedabad. Worked with Entity Framework Core, Dependency Injection, MVC architecture, and built responsive frontend applications using React and TypeScript.

SKILLS

- **Frontend**: React, JavaScript (ES6), TypeScript, HTML5, CSS3, Redux, Redux-Saga, MaterialUI, Bootstrap, Figma, Responsive Web Design, Developer Tools, DOM Manipulation, User Interface Components, Wireframes
- **Backend**: C#, .NET Core Web API, Entity Framework Core, RESTful APIs, JSON Web Token, Node.js, Express, Debugging, Dependency Injection, MVC Architecture, Object-Oriented Programming (OOP).
- **Database**: MS SQL Server, MongoDB.
- **Tools & Technologies**: Git, GitHub, Npm, Testing, Version Control, Postman, Visual Studio 2022, VS Code,
- **Soft Skills**: Logical and Analytical Thinking, Reasoning, Troubleshooting, Problem-Solving, Basic Communication, Collaborative Problem Solving, Sophisticated Design, SOLID and DRY Principles, Code Review.

PROJECTS

[Link] **Event Management System (EMS) - Final Year Fullstack Project.**
Tech Stack: React.js, .Net Core Web API, Typescript, C#, Redux, Redux Saga, Material UI, Entity Framework Core, MS SQL Server.

- Developed a full-stack event management system with customizable event packages and draft booking functionality.
- Reduced bug rate by 35% by implementing TypeScript, design patterns, and structured coding conventions.
- Improved form handling efficiency by 30% using React Hook Form and Redux for state management.
- Implemented container-based frontend structure and n-tier backend architecture using OOP principles and Dependency Injection.
- Designed RESTful APIs and integrated them with SQL Server using Entity Framework Core.

[Link] **NoteCal – Calendar-Based Notes Application (Deployed)**
Tech Stack: React Js, MUI, Local Storage

- A Calendar-based note app that helps users organize thoughts by date using a clean, intuitive interface.
- Implemented responsive UI design for consistent user experience across devices.
- Improved state management efficiency by 25% through structured component separation and controlled state updates.
- Designed clean and intuitive interface for improved usability and faster navigation.

[Link] **CSV Bulk Import API – Backend Project (In Progress)**
Tech Stack: ASP.NET Core Web API, C#, Entity Framework Core, MS SQL Server

- Developed a backend API to process CSV files and perform bulk inserts into SQL Server.
- Optimized large dataset imports, improving data insertion performance by up to 40% using SqlBulkCopy.

EXPERIENCE

Web Developer Intern - PragetX Technologies | June 2023 - April 2024

- Developed the Event Management System (EMS) using React and .NET Core Web API, collaborating with a mentor to troubleshoot and resolve bugs, enhancing teamwork and reducing issue resolution time by 25%.
- Built reusable components and applied architectural styles and design patterns for scalability and maintainability.
- Worked intensively for 3-4 months, averaging 15+ hours daily, to meet project deadlines.
- Utilized Redux for state management and integrated RESTful APIs for data communication.
- Implemented efficient design patterns and coding conventions, resulting in a 20% increase in code quality.

EDUCATION

- **Bachelor of Computer Applications (BCA)** from **Gujarat University, Ahmedabad** | October 2021 to May 2024 **CGPA – 7.2**
- **Master of Computer Applications (MCA)** from **Parul University, Vadodara** | 2026 – Present Currently in 1st Year