NAVEEN MANTHRI

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Hyderabad, Telangana - 500072, India

PROFESSIONAL SUMMARY

Full Stack Engineer with over 3 years of experience in the Software Development Life Cycle (SDLC), utilizing both Agile/Scrum and Waterfall methodologies. Proficient in backend technologies such as .NET, C#, and SQL, and skilled in building RESTful services using design patterns. Additionally, front-end technologies include HTML5, CSS3, JavaScript, and React. Experienced with tools and platforms like GIT, Postman, Figma, and Azure, and proficient in database management with MSSQL. Recognized for enhancing operational efficiency, improving system performance, and streamlining development processes.

EXPERIENCE

- **Paltech Consulting Private Limited [🌐]**   *January 2023 - Present*
  Associate Software Engineer   Hyderabad, India
  - Collaborated with stakeholders in requirements gathering, sprint grooming, and planning, ensuring alignment with project goals and timelines.
  - Operated in an Agile environment, actively participating in all phases of the Software Development Life Cycle (SDLC) to deliver high-quality software solutions.
  - Engineered email notification systems using SMTP, reducing manual communication efforts by 30% and improving response times.
  - Created reusable components like Table View and Toast Message.
  - Executed unit testing using XUnit/NUnit, achieving 98% code coverage and ensuring robust, error-free system functionality.

- **Paltech Consulting Private Limited [🌐]**   *September 2021 - December 2022*
  Trainee Software Engineer   Hyderabad, India
  - Mastered .NET Advanced Concepts, including building RESTful APIs and implementing design patterns, to deliver scalable and maintainable solutions.
  - Enhanced front-end development skills by crafting dynamic and responsive user interfaces using HTML, CSS, and JavaScript.
  - Revamped SQL Server database schemas, queries, and stored procedures, diminishing query execution time by 30% and elevating overall application performance.
  - Developed and implemented a Library Management System and an Asset Management System using .NET Core, improving resource cataloging efficiency by 40% and reducing asset tracking errors by 25%.

EDUCATION

- **Jawaharlal Nehru Technical University**   *September 2021 - August 2024*
  BTech - Computer Science Engineering   Hyderabad, India
  - CGPA: 7/10

- **Government Institute of Electronics**   *June 2017 - April 2021*
  Diploma   Secunderabad, India
  - Grade: 75%

- **Telangana State Model School**   *March 2017*
  Secondary Education   Wanaparthy, India
  - GPA: 8.5/10

TECHNICAL SKILLS

- **Languages and Frameworks:** C, C#, OOPS, Entity Framework, Dapper, ADO.NET,
- **Web Technologies:** HTML, CSS, Bootstrap, JavaScript, Typescript, ReactJS
- **Database Systems:** MSSQL, Oracle, PostgreSQL
- **Cloud Technologies:** Azure
- **Version Control:** Git Lab, Git Hub
- **Tools:** Azure Devops, Jira, Postman, Visual Studio, DBeaver, Figma, Confluence

PROJECTS

- **SwitchFxTech: US-based platform for rehabilitation management and enabling patient-therapist interactions.**
  Tools: ASP.NET Core Web API, AngularJS, Postgres SQL, JavaScript, CSS, DBeaver

  ◦ Implemented a session timeout feature to enhance application security by automatically logging out inactive users.

  ◦ Optimized frontend and backend performance by refactoring LINQ queries and improving data retrieval efficiency.

  ◦ Integrated Polly Circuit Breaker to improve application resilience and fault tolerance in case of transient failures.

  ◦ Developed Clock-In/Out and Timecard features, streamlining employee work-hour tracking and reporting.

  ◦ Utilized Jira and Confluence to manage tasks, track project progress, and document project artifacts for better collaboration.

- **FevTutor: An EdTech platform designed for student-tutor interactions and session management.**
  Tools: ASP.NET MVC, REST APIs, ReactJS, Oracle DB, JavaScript, JQuery, CSS

  ◦ Implemented the Unit of Work pattern to perform multiple operations in a single transaction effectively and improving data consistency.

  ◦ Integrated Serilog for logging, improving debugging efficiency by 30% and reducing issue resolution time by 20%.

  ◦ Involved in writing web API's and Azure Timer trigger functions to run the background jobs.

  ◦ Automated session management through the Bulk Scheduling Sessions feature, reducing manual scheduling efforts.

  ◦ Orchestrated the creation of an Oracle database schema featuring partitioned tables, optimizing data retrieval speeds by 40% and accommodating future scalability needs.

  ◦ Refactored and re-architected application components, improving system performance by 25% and reducing technical debt.

  ◦ Used Azure DevOps Boards to manage tasks, track project progress, and ensure seamless collaboration across teams.

- **BUZZ: A platform for managing employee information and project assignments.**
  Tools: C#, WebAPI, Entity Framework, ReactJS, JS, CSS

  ◦ Authored the Resource Request module, streamlining employee resource allocation and reducing manual effort by 25%.

  ◦ Built a real-time ReactJS dashboard, enabling dynamic visualization of employee data and improving decision-making efficiency by 35%.

  ◦ Streamlined database queries using Entity Framework, reducing data fetching times by 30% through pagination and efficient query design.

  ◦ Conducted regular code reviews, maintaining a 95% code quality score and ensuring robust application performance.

- **HRMS Portal: A platform for efficient onboarding, leave management, and attendance tracking.**
  Tools: C#, WebAPI, Dapper, SQL Server

  ◦ Developed modules for leave management, department handling, and location tracking, improving operational efficiency by 20%.

  ◦ Designed and implemented a scalable SQL Server database schema, reducing data retrieval times by 40% and improving system efficiency.

  ◦ Converted long-running C# code into optimized SQL stored procedures, cutting processing time by 30%.

  ◦ Integrated RESTful APIs to streamline communication between front-end and back-end systems, reducing API response times by 25%.

KEY ACHIEVEMENTS

- Boosted system performance by 35% through parallel processing and optimized database queries.

- Reduced development time by 20% by creating reusable components and libraries.

- Revamped legacy web application interfaces using HTML, CSS, and JavaScript; presented user interface (UI) improvements to stakeholders; improved user satisfaction scores by 20% within the first quarter.

- Achieved 98% code coverage through rigorous unit testing, ensuring high-quality deliverables.