Viplav Mankar

Software Engineer

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Professional Summary

Software Engineer with 2.5 years of experience specializing in developing scalable .NET applications. Proficient in C#, ASP.NET Core MVC, React JS, SQL, and cloud technologies (GCP). Experienced in Continuous Integration (Jenkins), log monitoring (Splunk), and high-availability solutions using Polly. Passionate about optimizing performance, reducing latency, and improving software reliability.

Skills

Programming: C#, JavaScript, React JS, Python, Java, C/C++

Databases: MySQL, SQL Server

Cloud and DevOps skills: Google Cloud Platform(GCP), CI/CD, Jenkins

Backend & Frameworks: ASP.NET Core MVC, Entity Framework Core, Tailwind CSS, ASP.NET Web Forms, REST APIs

Developer Tools: Git, Github, Postman, JIRA, BitBucket, Splunk

Work Experience

Ultimate Kronos Group(UKG), Noida   07/2022 - 01/2025

Software Engineer

- Optimized Patient History API by implementing pagination, **reducing response time by 83%** (minutes → seconds), significantly improving user experience..
- Designed advanced dashboards in Splunk Enterprise using SPL, improving operational visibility and **delivering actionable insights** on key performance metrics.
- Implemented a retry mechanism using Polly to ensure high application availability, **enhancing user experience** by mitigating transient errors in cloud.
- Implemented and optimized CI pipeline on Jenkins, **cutting GCP resource costs by 50%**.
- Led the CI pipeline migration to GCP, ensuring seamless transition and improved test stability.

Project Work

Blogger Application ⍟   01/2025-02/2025

- Developed a blogger application using React JS as the frontend-framework to showcase a web application which shows all the blog posts by the users.
- Integrated additional React libraries for state management, routing and rich text editor to provide quality experience in using the application.
- Deployed the web application on cloud to be accessed as a blogger application.
- *TechStack :-* React JS, Javascript, Appwrite, React Redux, React router DOM

Music Genre Classification using Deep Learning ⍟   12/2020-01/2021

- Trained a deep learning model to predict the genre of a given audio file, leveraging the librosa package for feature extraction and classification across multiple musical genres.
- Achieved an accuracy of **80%** on training dataset.
- *TechStack :-* Python, librosa, Deep learning

Education

NIT Bhopal   2018 - 2022
B.Tech in Computer Science and Engineering   *CGPA: 7.55/10*
Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Computer Networks

Achievements

- Awarded for innovation at UKG Hackathon for integrating Pendo into a solution   10/2024
- Secured 1st rank in UKG Hackathon   01/2023