Ashutosh Agarwal

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EXPERIENCE

Software Engineer 2

MAQ Software   **September 2022 - Present, Hyderabad, Telangana, India**

· Built a robust web application with **React and C#** to streamline product launches, enabling efficient tracking and management of 20+ products, saving marketing teams up to 24-48 hours weekly for improved campaign planning.
· Developed & Integrated **10 AI-powered chatbots** into the client's web applications using React, **Flask**, and **advanced prompt engineering**, enabling them to provide insightful responses to complex user queries and execute requested actions within the application, leading to a 27% increase in user satisfaction.
· Created a video transcript generator and summarizer, enhancing video content accessibility and **reducing manual effort by 64%.**
· Successfully **led a 9-member** team in the accelerated development of a critical report management web application **(TypeScript, Python)**, delivering **6 milestones** within a two-month timeframe to ensure client satisfaction.
· Effectively led and administered the **core front-end team**, successfully delivering organization-level web apps, resulting in the generation of multiple opportunities and leads from diverse clients.

Software Engineer 1

MAQ Software   **July 2021 - September 2022, Hyderabad, Telangana, India**

· Designed a reporting collection feature in the **Microsoft insights** web application with TypeScript and **C#** to centralize report management, reducing search efforts from days to minutes and enhancing collaboration and customer reach.
· Led **cross-browser compatibility improvement** initiatives for the forecasting web application, leading to a 25% reduction in user-reported bugs.
· Improved web app performance using techniques like bundle minification on page elements, leading to **38% reduction in page load time.**
· Automated **LinkedIn's hiring management system** built with **Python-Flask microservice**, resulting in improved productivity by 90%.
· Successfully handled over **50 bugs**, resulting in a **40% improvement** in overall user satisfaction.

Associate Software Engineer

MAQ Software   **December 2020 - June 2021, Hyderabad, Telangana, India**

· Refactored legacy React components and implemented **ESLint** accessibility checks, resulting in a 20% reduction in code complexity and a **15% improvement in WCAG(Web Content Accessibility Guidelines)** compliance scores.
· Formulated and executed unit tests utilizing the **Jest and Enzyme** tools for the web application, along with application testing, minimizing risk in the final product.

SKILLS

Front-end: **React, TypeScript, JavaScript**
Back-end & Frameworks: **C#, .NET, Python, Flask**
Version Control: Azure DevOps, Git, JIRA
Database: Azure SQL DB, Dataverse
Data structures & Algorithms
Development process: Agile Methodology

EDUCATION

Master of Science in Information Technology

DA-IICT · Gandhinagar, Gujarat · 2021 · 7.00

Bachelor of Computer Application

Veer Narmad South Gujarat University · Surat, Gujarat · 2019 · 8.75

ACHIEVEMENTS

MAQ Software

· **Recognized for excellence:** Awarded "**Rising Star of the Quarter**" (June 2022) and "**Champion of the Quarter**" (April 2023).
· **Enhanced innovation:** Drove **7 innovation and initiative** programs, boosting the organization's ability to present cutting-edge ideas and acquire new projects.