Ashutosh Agarwal

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SKILLS

Front-end: React JS, JavaScript, Typescript, Material UI, Tailwind CSS
Back-end & Frameworks: Python, Flask, C#, .NET Framework
Version Control: Git, GitHub, GitLab, JIRA
Database: SQL Server(T- SQL), Azure SQL DB, Firebase, MongoDB
Other: Data structures, Algorithms, System Design (HLD - LLD), Agile methodology, Azure Cloud, Prompt engineering, CI/CD

EXPERIENCE

Senior Software Engineer

MAQ Software   **February 2024 - Present, Mumbai, IN**

· Built a robust web application with **React, JavaScript** and **C#** to streamline product launches, enabling efficiency of **20+ products**, saving marketing teams up to **24-48 hours weekly** for improved campaign planning.
· 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 time frame to ensure client satisfaction.

Software Engineer 2

MAQ Software   **September 2022 - February 2024, Hyderabad, IN**

· Developed & Integrated **10 AI-powered chatbots** into the web applications using **React, JavaScript, Flask**, and **advanced prompt engineering**, enabling them to provide insightful responses to complex user queries, leading to a **27% increase in user satisfaction**.
· Created a video transcript generator and summarizer using **JavaScript and Cognitive services**, enhancing video content accessibility and **reducing manual effort by 64%**.
· Improved web app performance using techniques like **bundle minification** on page elements, leading to **38% reduction in page load** time.
· 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   **December 2020 - August 2022, Hyderabad, IN**

· Designed a reporting collection feature in the web application with **React**, **TypeScript** and **C#** to centralize report management, **reducing efforts from hours to minutes** and enhancing collaboration and customer reach.
· Automated LinkedIn's headcount management system built with **JavaScript** and **Python-Flask** microservice, resulting in **improved productivity by 90%**.
· Successfully handled **over 50 bugs**, resulting in a **40% improvement in overall user satisfaction**.
· Refactored legacy **React** components and implemented **ES Lint** accessibility checks, resulting in a **20% reduction in code complexity** and **15% improvement in WCAG compliance scores**.

PROJECTS

Analytics Toolkit

github.com/AshutoshAgarwal99/AnalyticsToolkit
· A comprehensive platform for generating data summaries, conducting exploratory data analysis, and building both supervised and unsupervised machine learning models.
· **Tech Stack:** React JS, JavaScript, Python, Flask.

CERTIFICATIONS

Performance Recognition

MAQ Software
· Recognized for excellence: Awarded "**Rising Star of the Quarter**" (June 2022) and "**Champion of the Quarter**" (April 2023).

EDUCATION

M Sc. in Information Technology

DA-IICT · Gujarat, IN · 2021 · 7.00

Bachelor of Computer Application (BCA)

VNSGU · Gujarat, IN · 2019 · 8.75