

# Ashutosh Agarwal

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## SKILLS

**Front-end:** React JS, Javascript, Typescript

**Back-end & Frameworks:** Python, Flask, C#, .NET Framework

**Version Control:** Git

**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](https://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.

## EDUCATION

### M Sc. in Information Technology

DA-IICT • Gujarat, IN • 2021 • 7.00

### Bachelor of Computer Application (BCA)

VNSGU • Gujarat, IN • 2019 • 8.75

## CERTIFICATIONS & ACHIEVEMENTS

### Performance Recognition

MAQ Software

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