

SHASHANK RAMESH BHATIA

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EDUCATION

The University of Texas at Arlington

Jun 2023

M.S. Computer Science (*Specialized in Artificial Intelligence, Machine Learning and Data Science*)

Relevant Courses: Neural Networks, Data Mining, Data Analysis and Modelling Techniques

University of Mumbai

Jun 2015

B.E. Computer Engineering

SKILLS

Languages: C#, Java, JavaScript, SQL

Web Technologies: JQuery, HTML, CSS, XML, REST, MVC, Angular, Bootstrap, Git

Other Skills/IDEs: ASP.NET Core, SQL Server, MySQL, IIS Server, Virtual Machine, Linux, Visual Studio

PROFESSIONAL EXPERIENCE

Saxam Softtech

August 2015 – June 2021

Senior Software Development Engineer (Backend)

- Was responsible for leading and training new hires for the team
- Led a team of 3 to plan and design the ERP module Manufacturing Industries
- Ported the legacy SOAP based APIs to modern secure REST based APIs *which made the application 65% faster for the end user*
- Secured the API using modern methods such as JWT and role-based access using Oauth2 and Open ID Connect

Software Development Engineer

- Performance tuned the code base and optimised the query plan to leading to 95% reduction in the down time
 - Developed and automated the end of the day analytical report creation process, reducing manual accounting efforts by 90%.
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ACADEMIC PROJECTS

Final Year Project – Website to buy books from different online vendors Made an online bookstore using HTML, CSS, PHP, MySQL, JavaScript by converting the APIs of different ecommerce websites (Flipkart, Amazon etc.) into a single unified API and displaying the results. It gave user the option to buy books from different vendors by comparing the prices and highlighting the least expensive option. It also included the recommendation system, which recommended the books similar to the books bought by customers

Website for Bank – Made a static frontend for a banking website using HTML, CSS, JavaScript which displayed different schemes, interest rates, loan rates provided by the bank.

Graphical representation of Binary Search – Made a console app to demonstrate the working of binary search algorithm, with the help of graphics in C++

Prime number checker– Made a prime number checker in C++ which takes a number as input and checks if the entered number is a prime number or not. Internal calculations and all the immediate stages are shown using graphics in C++.

Video Interpolation Program – Program to increase framerate of videos Made a program in C++ using tools like MeGUI, AVISynth, ffmpeg to double the frame rate of videos to make them smoother and more lifelike