

# Sumit Kumar

📍 Karnataka, India   ✉️ sumitkrpurnea123@gmail.com   📞 7261008253   🔗 <https://www.linkedin.com/in/sumit-kumar-27b233270/>

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## SUMMARY

As a software developer with a BCA degree, I have the skills to design and maintain software applications using HTML, CSS, JavaScript, and C#. With a strong understanding of OOPs concepts, I can create visually appealing and responsive web pages. Additionally, my experience in server-side programming using C# enables me to develop software applications using OOPs principles. My education in computer applications provides me with a solid foundation in computer science and programming, allowing me to create innovative software solutions. Working collaboratively in a team environment, I am familiar with software development methodologies and practices such as Agile and Scrum. Overall, I am well-equipped to develop robust and scalable software applications that meet business and user needs.

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## PROJECTS

### Medical Store Management System

Auxous Network Private Limited • April 2022 – July 2023

- The Medical Store Management System automates the management of a medical store using VB.net programming language.
- It features inventory management, sales management, purchase management, accounting management, user management, and report generation.
- The inventory management system keeps track of medicine inventory, expiry dates, and quantity.
- Sales management generates invoices and tracks customer payments.
- Purchase management tracks suppliers, purchase dates, and costs.
- Accounting management generates reports like balance sheets, cash flow statements, and profit and loss statements.
- User management allows different access levels.
- Report generation generates various reports to aid the owner in making informed decisions.
- The system is designed with a user-friendly interface and secured using password protection, user authentication, and data encryption.
- The database management system is based on SQL Server.
- The Medical Store Management System helps medical store owners manage their businesses more efficiently by automating various tasks.
- It enables owners to make informed decisions and generate reports that aid in financial planning and management.
- Overall, the Medical Store Management System provides a comprehensive solution for managing medical stores.
- Implemented Medical Store Management System in VB.net with SQL Server for database management to automate various tasks, resulting in a 20% increase in efficiency and productivity.

### Tip Calculator Project

Great Learning • April 2023 – May 2023

- The Tip Calculator project is a simple web application built using JavaScript, HTML, and CSS. It allows users to calculate the amount of tip they should leave based on the total bill and the desired tip percentage. The user enters the bill amount into an input field and selects the tip percentage using a dropdown menu. Upon clicking the "Calculate" button, the application calculates the tip amount and displays it on the screen. The interface is designed using HTML and CSS to provide a visually appealing and user-friendly experience. This project helps users quickly determine the appropriate tip amount for their bill.

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## EDUCATION

### Bachelor of Computer Application

Minor in DBMS, VB.Net, RDBMS, C#, HTML, OOP, C, C++, Java, Mathematics • Purnea University • Purnea, Bihar • 2022 • 7.63

### 12th – Standard

BSEB Board • Madhepura, Bihar • 2018

### 10th – Standard

BSEB Board • Madhepura, Bihar • 2015

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## CERTIFICATIONS

### SQL Projects for Beginners

Great Learning • 2023

SQL projects for beginners should focus on basic concepts like data manipulation, querying, and database design. Key points include creating tables, inserting data, querying data, and using basic SQL functions.

### Advanced SQL

Great Learning • 2023

Advanced SQL refers to the use of advanced SQL techniques to manipulate and analyze data in relational databases. It involves the use of subqueries, complex joins, window functions, and other advanced SQL features to perform complex data analysis tasks efficiently and effectively.

## **Front End Development - CSS**

Great Learning • 2023

CSS (Cascading Style Sheets) is a front-end web development technology used to style and visually enhance HTML documents. CSS allows developers to apply styles, such as colors, fonts, layouts, and animations, to HTML elements, creating visually appealing and engaging web pages.

## **Front End Development -HTML**

Great Learning • 2023

HTML is a markup language used to create and structure the content of web pages. Front end developers use HTML to build the user interface and structure of web pages, ensuring accessibility, responsiveness, and good user experience.

## **JavaScript Projects**

Great Learning • 2023

JavaScript projects involve creating dynamic and interactive web applications using the JavaScript programming language. Key components of a successful JavaScript project include clear project requirements, efficient coding practices, and thorough testing and debugging.

## **Web Scraping with Python**

Great Learning • 2023

Web scraping with Python involves using programming tools and techniques to extract data from websites. It requires knowledge of Python programming language, HTML and CSS, web scraping libraries like BeautifulSoup, and ethical and legal considerations.

## **OOPs in Java**

Great Learning • 2023

OOPs in Java refers to the Object-Oriented Programming paradigm used in Java programming language. OOPs concepts in Java include Abstraction, Encapsulation, Inheritance, and Polymorphism, which enable modular, reusable, and efficient software development.

## **Java programming**

Great Learning • 2022

Java is an object-oriented programming language designed to be platform-independent and secure. It is widely used for developing applications ranging from mobile apps and web applications to enterprise software and games.

## **Programming Basics**

Great Learning • 2022

Programming basics include understanding the fundamental concepts of programming such as variables, data types, and control structures. Familiarity with programming basics is essential for developing software applications and automating repetitive tasks.

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## **SKILLS**

**Software:** Visual Studio, SSMS, Jupyter Notebook, Anaconda

**Soft Skills:** Communication, Time management, collaboration, Adaptability, Creativity, Continuous learning

**Languages:** Python, C, C++, C#, Java, Javascript, HTML, CSS, OOPs, Vb.Net, Asp.Net, SQL (DBMS, RDBMS)