

# Samrudh K U

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## Education

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- SDM Institute Of Technology Ujire, India  
*Bachelor Of Engineering in Computer Science, CGPA : 7.73* May 2024
- P.R.N Amratha Bharathi Pre-University College Hebri, India  
State, Class 12; Percentage: 80 March 2020
- Annapoorna Vidya Mandira Agumbe, India  
State, Class 10; Percentage: 87.84 April 2018

## Technical Skills

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- Languages: Java, OOPs Concepts, DBMS, JavaScript Basics, JDBC, JUNIT, Servlet and JSP
- Database Platforms: MYSQL
- Other Technologies : Git & Github, Microsoft Office, Visual Studio Code, Eclipse IDE

## Internships and Training

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- **Zephyr Technologies and Solutions Pvt Ltd** 14th Aug 2023 - 14th Sept 2023  
MERN Stack Development Intern: It helps learn and build the full-stack web applications using MongoDB, Express.js, React.js, and Node.js. and gain experience in front-end and back-end development, API integration by developing a project Travel Management System. And helps in problem-solving skills, best coding practices, and working in a collaborative, professional environment.
- **Workshop on Web-MVC** 20th June 2023  
Attended a workshop on Web-MVC architecture in Java web development. Covered fundamental concepts of Model-View-Controller (MVC) pattern, emphasizing its importance in building scalable and maintainable web applications. Demonstrated practical implementation through hands-on exercises, empowering with essential skills for structuring Java web projects. Acquired skills in JDBC, Servlet, and JSP.

## Projects

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- **E Product Recommendation System:** Developed a group project called 'E-Product Recommendation System' using Python and Django. I was involved in developing interactive front-end components and enhancing user experience by working with HTML, CSS, and JavaScript. Implemented content-based filtering and collaborative filtering algorithms for personalized recommendations. We worked together to achieve this. Additionally, we developed an efficient project to handle real-time data and integrated price comparison features for user convenience.
- **Travel Management System:** Developed a web application during my internship called 'Travel Management System' using the MERN stack (MongoDB, Express.js, React.js, Node.js). This provided me with exposure and experience to front-end and back-end development as well as API integration. The application includes all the required features of a Travel Management System.
- **Group Expense Tracker:** Developed a mobile application 'Group Expense Tracker' using Java for the backend, focusing on user authentication, data management, and group expense functionality. Ensured a seamless user experience with robust backend functionality and efficient data handling.

## Certificates

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- Zephyr Technologies and Solutions Pvt Ltd: Full stack web development.
- Workshop: Web-MVC architecture in Java web development
- Bharat Intern: Web development