

SANJANA S ACHARYA

FULL STACK DEVELOPER

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EDUCATION

- **B.Tech Computer Science and Engineering (Data Science)** 2021 - 2025
Presidency University Bangalore, India
 - CGPA: 8.90

TECHNICAL SKILLS

- **Programming Languages:** Java, Python 3, Javascript (ES6+)
- **Web Technologies:** HTML5, CSS3, Javascript (ES6+)
- **CSS & JS Library/Frameworks:** ReactJS, Bootstrap, TailwindCSS
- **Database Systems:** MySQL, MongoDB
- **API Integration & Testing:** RESTful APIs, Postman
- **Backend:** Node.js, Express.js
- **Data Science & Machine Learning:** Numpy, Pandas, Matplotlib, Sci-kit learn
- **Version Control:** Git, GitHub



EXPERIENCE

- **MERN Stack Engineer - Victory Group Of Institutions** May 2024 - Present
 - Spearheading the development of a scalable, feature-rich web application for a prominent educational institution, delivering a seamless digital experience for both online and offline courses.
 - Increased student enrollment by 20% by architecting a responsive landing page using React and TailwindCSS.
 - Developed a secure enrollment system that streamlined the onboarding process, reducing manual errors by 30% and improving administrative efficiency.
 - Collaborated with cross-functional teams to continuously optimize features, resulting in a 15% increase in user engagement.

CERTIFICATIONS

- **IBM Certified Front-end Developer with React** Sept 2024
- **Python for Data Science, AI & Development issued by IBM** Sept 2024

PROJECTS

- **BookAStay : MERN, TailwindCSS** July 2024 - Aug 2024
Hotel Booking App 
 - Developed a secure authentication system using JWT and HTTP cookies, boosting data security by 40%.
 - Integrated Cloudinary for image uploads, reducing media load times by 25%.
 - Implemented Stripe for payments, leading to a 15% increase in successful bookings.
 - Built a hotel owner dashboard with real-time analytics, enhancing operational decision-making.
 - Enabled search and filter functionalities, reducing user search time by 30%.
- **Sudoku Solver : HTML, CSS, JS, DSA** Nov 2023
A Sudoku Solver App 
 - Designed and implemented an interactive Sudoku solver using the backtracking algorithm, reducing average solve time by 40% compared to manual approaches.
 - Demonstrated strong problem-solving skills and an understanding of algorithm optimization.
 - Enhanced user experience with an interactive UI to input.