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 - Nov 2024*

  - 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.