

# SAYANTAN CHATTERJEE

COMPUTER SCIENCE ENGINEER

## PROFILE

Passionate and certified Full Stack Engineer with a strong foundation in front-end and back-end technologies, including React, Node.js, ExpressJS, and cloud platforms such as IBM Cloud. Currently pursuing a B.Tech in Computer Science Engineering from St. Thomas' College, with proven expertise in building scalable, responsive web applications. Experienced in deploying applications using Docker, Kubernetes, and IBM Code Engine, with hands-on projects showcasing skills in database management, RESTful APIs, and serverless architecture. Skilled in JavaScript, Python, and Java, with a commitment to continuous learning and a track record of completing industry-recognized certifications. Eager to leverage technical knowledge, project experience, and collaborative skills to contribute effectively to dynamic software development teams and deliver impactful web solutions.

## CONTACT

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## EXTRACURRICULAR ACHIEVEMENTS

**Table Tennis:** Competed in college and local tournaments.

**Elocution:** Won awards for public speaking and debate at inter-college competitions.

**Drama:** Actively participated in drama performances.

## EDUCATION

### ST. THOMAS' COLLEGE OF ENGINEERING & TECHNOLOGY

- 2022 - 2026
- B. TECH IN COMPUTER SCIENCE & ENGINEERING
- CGPA - 8

### SOUTH END CENTRE (E.M.) SCHOOL

- 10<sup>TH</sup> & 12<sup>TH</sup> [CISCE BOARD]
- 89 % IN ICSE & 92 % IN ISCE

## PROJECTS

### CAR DEALERSHIP APP FULL-STACK IBM CAPSTONE PROJECT

Full-stack project with ReactJS (XHTML, CSS) for front-end, Django with Python for back-end, and MongoDB as the database. Used Docker for containerization and IBM Code Engine for deployment.

### STUDENT FORM SUBMISSION APP USING PYTHON

Build a login, admin & form submission page using Custom Tkinter library and using Excel serving as database. It had all necessary real time data analytics in the form of pie charts and details of the database in the admin page.

### LANDING PAGE OF A CAR DEALERSHIP SOFTWARE USING REACT + VITE

Developed a video integrated landing page of a car dealership software having epic visuals using the React + vite library.

### RESPONSIVE PORTFOLIO WEBSITE USING REACT

Built a fully responsive personal portfolio website that showcases projects, skills, and achievements. Integrated animations and interactive design elements using CSS and JavaScript.

## SKILLS

- **Front-End Development:** HTML, CSS, JavaScript, ReactJS (proficient with Vite, animations, and responsive design)
- **Back-End Development:** Node.js, ExpressJS, Django (Python), RESTful APIs, JSON
- **Databases:** ORACLE SQL
- **Cloud & DevOps:** IBM Cloud, IBM Code Engine, Docker, Kubernetes, Serverless Computing
- **Programming Languages:** Python, Java, JavaScript
- **Version Control:** Git, GitHub (experienced with version control best practices)
- **Other Skills:** Microservices, Data Analytics (beginner), Custom Tkinter (Python GUI development)

## LANGUAGES

**English:** Fluent

**Hindi:** Fluent

**Bengali:** Fluent

## CERTIFICATIONS

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### IBM Skills Network (Coursera)

- Getting Started with Git and GitHub
- Introduction to Web Development with HTML, CSS, JavaScript
- Full Stack Application Development Capstone Project
- Developing Front-End Apps with React
- Developing Back-End Apps with Node.js and Express
- Introduction to Cloud Computing
- Introduction to Containers with Docker, Kubernetes & OpenShift
- Application Development using Microservices and Serverless
- Python for Data Science, AI & Development
- Developing AI Applications with Python and Flask
- Django Application Development with SQL and Databases
- IBM Full Stack Software Developer

### Duke University (Coursera)

- Java Programming: Solving Problems with Software