

SAYAN MANDAL

SOFTWARE ENGINEER

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 : <https://github.com/code-say>

Web: [My Digital Portfolio](#)

PROFESSIONAL PROFILE

Results-driven Software Engineer with over **3 years of experience** in **full-stack development**, specializing in **.NET technologies**. Proven track record of **enhancing application performance** and **operational efficiency**, with expertise in **C#, ASP.NET MVC5, WPF, and Azure DevOps**. Adept at leading projects from concept to completion, improving system security, and delivering high-quality software solutions. **Strong collaborator** with a passion for **continuous learning** and growth in the software development field.

EDUCATION

2017 - 2021

**Bachelor of Technology
(CSE)**

Techno India University
Kolkata, WB

CGPA: 7.2

2015 - 2017

Higher Secondary

Mugkalyan High School
Howrah, WB

GPA: 62/100

SKILLS

C#: OOPS, Generics,
Collections, Array, Loops,
LINQ

.NET: ADO.NET, ASP.NET
with MVC and WEB API,
Entity

React: Components,
Services, Modules,
Routing, Forms &
Validation, API Handling,
Redux

Database: MySQL, SQL
Server, MongoDB

UI Tech: HTML 5 &
CSS 3, JavaScript, ES6,
Optimized UI Designed,
Bootstrap

Tools: Git, Postman, Maven,
IDE, SourceTree

Add On skills: Peer learning

EXPERIENCE

SOFTWARE ENGINEER

CAPGEMINI | 2021-12 – CURRENT

PUNE, INDIA

Project: **SubwayPOS**

- **Systematized the menu publication process**, significantly reducing update rollout times by 25% through the automation of repetitive tasks and optimization of database queries.
- **Played a pivotal role in securing the archive system for France**, enhancing data protection and compliance by implementing robust encryption and backup protocols.
- **Developed and integrated new kitchen receipt features**, improving transaction processing speed and customer satisfaction, while ensuring seamless integration with existing systems.
- Built a **"Pay at Counter"** functionality, enabling users to place orders remotely and settle payments at the counter with cash.
- Implemented **Loss Prevention Timeout** to refresh idle sessions automatically, reducing operational delays and ensuring timely order processing.
- **Diagnosed and resolved complex bugs**, improving system stability and reducing downtime by 15%.
- **Collaborated with cross-functional teams** to troubleshoot and solve critical production issues, ensuring minimal disruption to business operations.

Technologies: C#.NET, WPF, MVVM, Azure DevOps

IDE: Visual Studio 2019, 2022

Framework: .NET Framework

PROJECTS

ONLINE BANKING SYSTEM 

Technology: ASP.NET, Entity Framework, MS SQL, ASP.NET MVC5,
HTML, CSS, Bootstrap

- Built an Online Banking System using **ASP.NET and Entity Framework**.
- Employed **MS SQL** for backend data storage and management.
- Utilized **ASP.NET MVC5** for frontend development.
- Styled and structured the interface using **HTML, CSS, and Bootstrap**.

CERTIFICATION

•Software

Development

(PGDSE) - JADAVPUR
UNIVERSITY

•Web Development

(PGDWD) -JADAVPUR
UNIVERSITY

•React JS

Developer -

LearnCodeOnline

•AWS Certified Cloud

Practitioner

•**AZ-900** – Microsoft

•**AZ-204** – Microsoft

Languages

- English (Fluent)
- Hindi (Fluent)
- Bengali (Native)

HEALTH CARE SYSTEM 🌐

Technology: HTML5, CSS, BOOTSTRAP, REACT, API GATEWAY, SWAGGER, POSTMAN

- Constructed a **comprehensive** Health Care System.
- Incorporated API Gateway for centralized **API management**.
- Integrated Swagger for **API documentation and Postman** for API testing.
- Developed a responsive UI using **HTML5, CSS, and Bootstrap**. Used React for interactive and dynamic user interfaces.

MUSIC-APP 🌐

Technology: REACT.JS, FONT AWESOME, SCSS

- Developed a **dynamic music player** website using **React.js**.
- Incorporated **Fontawesome** for icon visualization.
- Utilized SCSS for advanced styling and presentation.
- Integrated the **Chillhop music API** to provide users with a selection of songs from the Chillhop genre.