



Suprabhat Samanta

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PROFESSIONAL SUMMARY

A responsible professional with a strong foundation in designing and developing engaging, responsive web apps. Adept in programming testable, well designed and efficient code with a strong foundation in data structures and algorithm. Skilled in web, MERN stack development, ensuring UI/UX design principles. I am committed to delivering high-quality and innovative software to meet the industry standards.

TECHNICAL COMPETENCIES

Programming Languages:

C++, SQL, JavaScript, HTML, CSS, .NET, TypeScript, NLP, XML,

Libraries/Frameworks:

React, Next.js, Node.js, Express.js, NumPy, Rest APIs, MERN, Agile, SDLC

Database/OS:

MongoDB Atlas, MS SQL, Firebase, AWS, Azure, DBMS, Oracle, Windows, Linux

Developer Tools and Technologies:

Git, MATLAB, Vercel, Troubleshooting, Excel, MS office, Analysis, Debugging

INTERPERSONAL SKILLS

Team Leader | Bias for action | Deliver Results | multi-tasking | Project Planning | Active Collaboration | Goal oriented |

INTERESTS & HOBBIES

Coding | Blogging | Webinars | Content Creator | Documentation | Chess | Travel

EDUCATION

Bachelor of Engineering in Computer Science | Chandigarh University

Session: 2020-2024 | CGPA: 7.78

Intermediate (WBCHSE) | Krishna Ganj Krishi Silpa Vidyalaya, West Bengal

Session: 2018-2019 | Percentage: 87%

Matriculation (WBBSE) | Krishna Ganj Krishi Silpa Vidyalaya, West Bengal

Session: 2016-2017 | Percentage: 93.85%

PROJECTS

NETFLIX CLONE | Next.JS, TypeScript, Firebase | [Live](#) | [GitHub](#)

Aug 2023 - Present

- Developed a **fully functional** clone of the popular streaming website **NETFLIX** using **server-Side Rendering** and **Next.js** with **scrollable containers** for movie lists with different genres for clients.
- Simplified the transactions for user **subscription** with integrated **Payment gateway** linked to **Stripe API** with **personalized payment** options for better security. It is based on **SaaS** product model
- User **Login/Sign Up** system and **form validation** using **React-Hook**.
- Modal** functionality using **Recoil** and **Material UI**, makes it 70% faster.
- Responsive front-end **UI/UX** design with **Tailwind CSS** and **TMDB API** for movies data with **server-side rendering** for Quality Management.
- The app stays updated 24/7 with latest movies for 80% better **Customer support experience and speech recognition**.

PIXELGRAM USING MERN STACK | MongoDB, NodeJS | [Live](#) | [GitHub](#)

March 2023 – July 2023

- It is a **social media** app, designed to facilitate **communication** and **collaboration** among students, faculties using **Full Stack Development**.
- Integrated **Sign Up/Login** page with **NextAuth** base authentication and executed **Chat Section** for Business Development, so that **students** and **faculties** can communicate with each other using organization mail.

E-COMMERCE WEB STORE | ReactJS, Webhooks, Stripe | [Live](#) | [GitHub](#)

Jan 2023 – March 2023

- It is a **fully functional** E-COMMERCE web store with **Stripe** payment gateway using **Full Stack Development** with **NEXT.JS** and **Tailwind CSS**.
- Integrated **Log In/Log Out Authentication** with **NextAuth** and **Basket Functionality** with **Redux** where you can add/remove products.
- Implemented **Firebase** with **Google Authorization** with **Fake Store Rest API** for dynamic **Checkout sessions**. It is deployed on **Vercel**.

ACADEMIC ACHIEVEMENTS

- Runner-up** recognition for innovative **Coin-based API** project using **Agile** and **Scrum** methodologies in a highly competitive hackathon with **300+** participating teams
- Solved **200+ problems** on both [Coding Ninjas](#) and [Leetcode](#). Earned **Samurai** badge in **Data Structures and Algorithms**.

CERTIFICATIONS & AWARDS

- Software Testing** and **Data Mining** certificate from IIT Kharagpur.
- IBM certificate** in **NoSQL, Big Data, and Spark Foundations**.
- Certified by **University of Michigan** in **Retrieving, Processing, and Visualizing Data with Python** and **Cybersecurity** by **Google**
- Completed **Data Engineering and Machine Learning using Spark** program by **IBM** and **Introduction to Computer Vision** by **MathWorks**