Suprabhat Samanta

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EDUCATION

Chandigarh University   June 2020 - June 2024
Bachelor of Engineering (CSE)(CGPA of 7.78)   *Mohali,Punjab*

Krishna Ganj Krishi Silpa Vidyalaya   2018 - 2019
Intermediate (XII)(Percentage - 87%)   *Tamluk, West Bengal*

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**. Users can choose different **genres** of movies.
- Simplified the transactions for user **subscription** with integrated **Payment gateway** linked to **Stripe API**, where **dynamic pricing plans** provide **personalized payment options**. It is based on **SaaS product** model.
- User **Login/Sign** Up system and **form validation** using **React-Hook**. Integrated a **Firebase database** to store user data for **authentications** and **Modal functionality** using **Recoil** and **Material UI**, making it 70% faster.
- **Responsive** design with **Tailwind CSS** and **TMDB API** for movies data with server-side rendering so that the app stays updated **24/7** with latest movies for **much** better **Customer Experience** and **loading analytics**
- Integrated **Stripe Checkout using Next.js** so that users can choose their **monthly/yearly subcriptions**. Created **custom hook** for **subscription updates**. Users can **unsubscribe** or **subscribe** anytime.

KRYPT | *BLOCKCHAIN, WEB3* | [GitHub](#)   March 2023 – July 2023
- Build a fully authenticated **Web App**, **eWallet** using **Blockchain** and **Web3** focused on **DAI cryptocurrency**.
- Integrated **Node.js** for package **dependencies** and **ganache** for **dummy accounts** with **Public addresses** and **Private Keys**. Used **OpenZeppelin** smart contracts library to create dummy **DAI tokens** and software design
- Used **truffle** based **smart contract development** framework with **React.js** for secure transactions and resolve issues. This **Web Application** is using **Metamask** to import accounts and **private/public** keys from **ganache**

E-COMMERCE WEB STORE | *ReactJS, Webhooks, Tailwind* | [Live](#) | [GitHub](#)   Dec 2022 – Jan 2023
- It is a fully functional **E-COMMERCE** web store with **Stripe payment gateway** for a **seamless** and **secure** payment experience, utilizing **Full Stack Development** with **NEXT.JS** using **Server Side Rendering**.
- Integrated **Log In/Log** Out Authentication with **NextAuth.JS** and implemented a fully functional shopping cart with **Basket Functionality** using **Redux** where you can **add/remove** products and real-time price calculations.
- Implemented **Firebase** database to have an **order screen** with all your **orders details**. Implemented **Google Authorization** with **Fake Store Rest API** for **dynamic Checkout sessions.** It is deployed on **Vercel**.

TECHNICAL SKILLS

Programming Languages: C++, SQL , JavaScript, HTML5, CSS, TypeScript, Bash
Libraries/Frameworks: React, Redux, Next.js, Node.js, Material-UI, Rest APIs
Database/OS: MongoDB Atlas, SQL/MySQL, Firebase, Windows, Linux
Developer Tools and Technologies: MATLAB, GitHub, Git, Vercel, Git Bash, npm, VS Code
Soft Skills: Team Leader, Bias for action, Consultative, Deliver results, Active Collaboration

ACHIEVEMENTS & ACCOMPLISHMENT

- Received runner-up recognition for innovative **Coin-based API** project using **Agile** and **Scrum** methodologies in a highly competitive **Blockchain hackathon** with 300+ participating teams.
- I have successfully earned **Google professional career certificate** in **Cybersecurity** and **Networks**.
- Solved **200+** problems on both **Coding Ninjas** and **Leetcode**. Earned **Samurai** badge in DSA.
- Received **Software Testing** certificate from **IIIT Bangalore** and **Data Mining** certificate from **IIT Kharagpur**. Awarded **IBM certificate** in **NoSQL, Big Data, and Spark Foundations.**
- **Certified** by **University of Michigan** in **Retrieving**, **Processing**, and **Visualizing** Data with **Python** and completed **Data Engineering and Machine Learning using Spark** program by **IBM**.
- **Content creator** on X formerly known as twitter with **18.9k followers** and **7M** impressions, adept at **optimizing ad revenue strategies** for enhanced online visibility and **monetization** success.