

SIVASURIYAN MOHAN

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Portfolio | [Sivasuriyan Mohan](#)
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EXPERIENCE

INTERN

June 2024 - July 2024

PYTHON PROGRAMMING - 30 DAYS | YBI FOUNDATION | VIRTUAL PROJECT:

Engineered features and conducted data preprocessing to build a customer churn prediction model with SVC and Gradient Boosting, resulting in a 20% reduction in churn rate and enhanced customer loyalty.

HIGHLIGHTS:

Completed 13 comprehensive modules and 35 chapters, mastering Python, data analysis, and machine learning; achieved a 95% proficiency score and developed a predictive model that increased data accuracy by 20%
Proficient in Pandas, NumPy, Scikit-learn, Matplotlib, and Seaborn.

PROJECTS

HEALTHCHAIN

Dec 2022 - Apr 2023

- Launched a secure, blockchain-powered website for patient health records, ensuring enhanced data protection, transparency, cut unauthorized access attempts by 50% and boosted patient trust and satisfaction rates by 30%.
- Developed a front-end using React.js for user interaction; integrated secure data transactions with Ethereum test net and MetaMask, handling over 10,000 transactions monthly.
- Visit – Healthchain.com

DIABETES AND HEART DISEASE PREDICTION

Nov 2021 - Feb 2022

- Engineered a predictive analytics web application using the Django framework, increasing forecasting accuracy by 25% and reducing manual data processing time by 40%, enhancing decision-making efficiency for the operations team.
- This project Selected in top 5 out of 164 projects and awarded with memento and prize money at event Innovators Day 2022 A national level project contest in SMVEC

SKILLS

- Programming Languages: Python (Intermediate), Java (Intermediate), JavaScript (Intermediate)
- Database: MongoDB (Intermediate), MySQL (Intermediate)
- Framework/ Library: React JS (Advanced), Django (Intermediate), React Native (Beginner)
- Tools & Technologies: VS Code, Blockchain

EDUCATION

- CK College of Engineering & Technology – B.E(CSE) with CGPA 7.88 Nov 2020 - May 2024
- Sri Valli Ammal Matric Higher Secondary School – HSC with 68.88% Jul 2019 - May 2020

LEADERSHIP EXPERIENCE

- School Pupil Leader Apr 2019 - May 2020
- Event Organizer Sep 2021 - May 2024
- App and Web Dev Club Coordinator March 2022 - May 2024

WORKSHOPS & TRAINING

- Attended a comprehensive training session led by RajKamal (Frontend Developer) at DOODLE BLUE Innovations.
- Participated and completed a workshop hosted by AATOMAZ.
- Attended a program presented by TECHVOLT, gained hands-on experience in developing robust software solutions using industry-standard tools and technologies.
- Participated in a comprehensive web development industrial visit program by CODEBIND, mastering essential tools like HTML, CSS, and JavaScript, and enhancing ability to create user-friendly, responsive websites.

CERTIFICATION

- Practical Next.js & React - Udemy
- Blockchain basics - Great Learning
- Full Stack Development - Infosys Springboard
- Cloud Computing- NPTEL
- Full Stack with Python Programming - GUVI
- Cisco Certified Network Professional – Cisco
- Young Professional - TCS iON

