

SHIVANK

Software Engineer

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Chennai, IN

SUMMARY

Highly motivated SRM University student with strong passion for software engineering seeking entry-level position. Proficient in Python, Java, C++, object-oriented programming, data structures, and algorithms. Developed web application for online shopping, increasing online purchases by 20%. Strong communication and teamwork skills. Eager to learn and contribute to a dynamic team.

PROJECTS

Heart Disease Prediction using Machine Learning

07/2023 - 11/2023 Chennai

Early detection of heart disease is essential to lessen its physical and monetary cost to people and institutions .

- Early detection and prevention of heart disease.
- Improved healthcare decisions and resource allocation.
- Personalized medicine and risk assessment.

Weather Forecasting Software- SDE

12/2022 - 02/2023 Chennai

This app forecast the weather by looking at current conditions , motion of air and clouds , historical patterns , pressure changes, and computer models .

- Predicts various weather data (temperature, precipitation, wind) for different periods (hourly, daily, weekly) with additional features like alerts and visualizations.
- Utilizes machine learning algorithms and data from diverse sources (weather stations, satellite imagery) to achieve accurate forecasts.
- Has a user-friendly interface, accessible through mobile or web app, and has potential applications in various sectors with social and economic impact.

NOTABLE CERTIFICATION

Machine Learning Specialization (3 courses)

Coursera

10/2021

Machine Learning Specialization course on Coursera equips software engineers with foundational knowledge, technical skills, problem-solving abilities, and a portfolio to boost marketability in the evolving world of ML.

Database Foundations

Oracle

03/2023

Database Foundations course from Oracle equips software engineers with crucial database concepts and practical skills, making them more valuable and sought-after in the job market.

AWS Academy Cloud Security Foundations

Amazon AWS

11/2022

AWS Academy Cloud Security Foundations course equips software engineers with valuable cloud security knowledge and skills, enhancing their capabilities, marketability, and career opportunities.

EDUCATION

Bachelor of Technology, Computer Science (8.75 CGPA)

SRM Institute of Science and Technology

2020 - 2024 Chennai, TN

XIIth, Science (74%)

D.A.V. Public School, Bariatu

2018 - 2020 Ranchi, JH

Xth, Maths (75%)

D.A.V. Public School, Bariatu

2016 - 2018 Ranchi, JH

SKILLS

Project Management

Scrum

Software Development

Leadership

Python

Java

Javascript

GIT

MySQL

Tableau

Critical Thinking

PROFESSIONAL EXPERIENCE

Intern

AICTE

03/2023 - 06/2023 Virtual

- Collaborated with team, learned explainable AI (XAI), and enhanced model transparency and interpretability.
- Gained expertise in Natural Language Processing (NLP) and improved sentiment analysis accuracy by 10%.
- Developed an ML model using Random Forest algorithm and used it in the above mentioned project.

ACHIEVEMENTS



Grid 5.0 Hackathon

- Technical Skills: Used HTML, CSS to develop web app
- Collaboration: Worked effectively with team to develop innovative solution