

AMIT ANAND

Software Engineer

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Education

SRM Institute Of Science & Technology (Deemed University)

Chennai, India

B.Tech, Computer Science and Engineering | GPA: 3.66 / 4

09/2020 - Present

- Relevant Coursework: Algorithms, Artificial Intelligence, Computer Architecture, Data Structures, Discrete Mathematics, Probability and Statistics, Data Mining and Analytics, Computational Logic, Database Management Systems, and Compiler Design.

Experience

Fidelity Investments

Chennai

Software Engineer Intern | Frontend Team

06/2023 - 08/2023

- Led a team of 5 interns to develop a NextGen UI platform with the capability to support the workflows and interactions of operations associates in support of the brokerage and trading businesses.
- Reduced processing time from 8-10 minutes to 2-3 minutes within 4 weeks.
- Reduced IRA document processing clicks from 100s to 10s, enhancing efficiency.
- Achieved 60-70% processing time reduction through enhanced workstation.
- Integrated 40+ REST APIs and multiple UI screens for seamless workstation functionality.
- Presented project outcomes to business team and industry head, highlighting a 90% increase in employee efficiency.

CodeChef SRM Chapter

Chennai

Competitive Domain Team Lead

10/2022 - Present

- Guided a team of 40 members in the art of competitive programming, resulting in their improved performance in coding competitions.
- Collaborated a variety of hands-on exhibits, engaging 270 attendees from diverse backgrounds and experiences to share practical skills.
- Attained a participation rate of 85% in the practical demonstrations.
- Received positive feedback from 95% of participants on the effectiveness of the demonstrations.

Projects

Case Study: Profitability Strategies for a Bike Rental Company

rpubs.com/Karma0o7/Case_Study1

11/2022 - 12/2022

Conducted comprehensive analysis of 2 years' worth of user behavior data for Cyclists, a Chicago-based bike-share company. Identified key trends and provided data-driven insights that propelled marketing strategy.

- Cleaned and transformed over 3 million rows of data to prepare for analysis.
- Identified that casual users had a 45% higher churn rate than annual members.
- Earned a 97% final grade for the project.

Chart View

chartview.onrender.com

10/2022 - 11/2022

During the Data Science Hack'22 hackathon, my team developed a web application that allows users to view cryptocurrency graphs and details for the top cryptocurrencies, as well as a full chart for the top 100 cryptocurrencies.

- Built the application using EJS, CSS, Bootstrap, Node.js, Express.js, MongoDB, and APIs.
- Designed and executed a comprehensive project within a rigorous 48-hour window, showcasing effective performance in high-pressure situations.

AI-Powered Tic-Tac-Toe Game

github.com/Karma0o7/Tic-Tak-Teo-with-AI

08/2022 - 09/2022

I developed an AI-powered Tic-Tac-Toe game as a solo project using Python and the Alpha Beta Pruning algorithm.

- Designed an elegant UI using Pygame module, showcasing creativity and attention to user experience.
- Achieved an AI win and Draw rate of 100% against human players, showcasing effective programming and algorithmic design.

Skills

Proficient in: C++ · Python · MySQL · Angular · TypeScript · HTML & CSS · R Language

Familiar with: C# · Javascript · React.js · Node.js · MATLAB · Tableau · Insomnia Rest · Unity · Data Structures · Algorithms

Soft Skills: Productive Time Use · Leadership · Communication · Team Work · Planning · Logical Reasoning

Courses & Certificates

Data Science Professional Certificate — [Data Science Professional Certificate](#) Consists of 10 Courses Provided by IBM.

Data Analytics Specialisation Certificate — [Data Analytics Professional Certificate](#) Consists of 8 Courses Offered by Google

Machine Learning Certification — [A Machine Learning](#) course Offered by Stanford University.

Languages

English Proficient ●●●●●

Hindi Native ●●●●●

Japanese Beginner ●●●●●