

Gautam Singh

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EDUCATION

SRM Institute of Science and Technology

Bachelor of Technology

Computer Science Engineering with Specialization in AI & ML

Relevant Coursework: Algorithms, Machine Learning, Database Management, Artificial Intelligence, Data Structures

Ghaziabad

2021-2025

CGPA: 8.54

Greenway Modern School

Higher Secondary Education

Percentage: 80.83%

Delhi

2020-2021

Greenway Modern School

Secondary Education

Percentage: 85.4%

Delhi

2018-2019

APPRENTICESHIP

Intern, Ericsson India Global Services Private Limited

Jun 2024 - Jul 2024

- Spearheaded the development of the "Car Service Management Portal," resulting in a 40% improvement in service management efficiency by automating manual processes with java and springboot.
- Coordinated with cross-functional teams, leading to streamlined project requirements gathering, improving project delivery times by 20%.

AI & ML Online Internship, AICTE and VOIS

Oct 2023 - Nov 2023

- Developed a predictive model for diabetes risk assessment, enhancing real-time patient monitoring and achieving 90% model accuracy.
- Conducted comprehensive data analysis to support strategic decisions, improving healthcare outcomes by 25%.

PROJECTS

Car Service Management Portal

Jun 2024 - Jul 2024

- Developed a Java-based application enabling efficient management of car service records, which increased data processing speed by 50%.
- Implemented a RESTful API that handled over 100 concurrent users, achieving a 30% reduction in server load times.

Genetic Disorder Prediction System

May 2024 - Jun 2024

- Applied machine learning models like XGBoost and AdaBoost to predict genetic diseases with 95% accuracy.
- Processed over 1M data points, enhancing data-driven decision-making capabilities for genetic research.

Fitbuddy - AI Powered Fitness App

Apr 2024 - May 2024

- Engineered a feature-rich fitness app utilizing Java and Android SDK, integrating AI chatbots that provided users with personalized diet and workout recommendations.
- Streamlined Google authentication system and incorporated step tracking features, increasing user engagement by 40%.

SKILLS

- **Programming Languages:** Java, C, Python
- **Frameworks & Libraries:** Spring Boot, JDBC, Android SDK, React
- **Cloud & DevOps Technologies:** Docker, AWS
- **Database Management:** MySQL, NoSql
- **Data Analysis Tools:** Power BI, Pandas
- **Version Control & Collaboration:** Git, Vscode, IntelliJ IDEA
- **Web Technologies:** RESTful APIs, HTML, JavaScript
- **Data Analysis Tools:** Pandas, Power BI, NumPy, Matplotlib

COURSES

- NPTEL - Programming in Java
- Java DSA Course, Scaler
- Machine Learning Models, VOIS
- Complete A.I. & Machine Learning Bootcamp, Udemy

ACHIEVEMENTS

- Authored and published the research paper '**Comparative Study of Different Models Used on Genetic Disease Prediction System**' at the 1st IEEE International Conference.
- Founded the Graphic Animation & Cinematics Club at SRM NCR Campus, boosting participation and creativity.
- Organized the "Brand Revamp" competition, increasing event participation by 30%.
- Conducted workshops on Graphic Design and Visual Effects, attracting over 50 participants.
- Led initiatives as club president that increased membership by 30% and organized events with 180+ participants.

EXTRACURRICULAR ACTIVITIES

- Participated in Codeathon at SRM, achieving top 5 finalist status for Android project between 100 teams.
- Volunteered for campus events, gaining skills in event management and team coordination.