

# Saar Agrawal

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## EDUCATION

### Delhi Technological University (Formerly DCE)

Bachelor of Technology in Information Technology | CGPA: 8.36

New Delhi, India

May 2021 - Present

### Brahma Shakti Public School

CBSE (Class XII) | Aggregate: 76%

New Delhi, India

May 2020 - May 2021

## EXPERIENCE

### SWE Intern, Intaligen | React, Vite, Netlify, ReactFlow

May 2024 - July 2024

- Designed and implemented the *Advanced Planning and Scheduling Console* using client-side rendering, achieving a **200ms Time to First Byte (TTFB)** for optimal performance
- Reduced API latency by 25%**, leading to a **30% faster load time** and improved application responsiveness
- Engineered **authentication solutions** with efficient state management, enhancing security and scalability
- Collaborated on RESTful API-based **microservices design**, ensuring scalable and fault-tolerant operations

## PROJECTS

### AskFinance | ReactJS, FastAPI, Netlify, Render, Tailwind CSS | Deployed App

Nov 2024 - Present

- Developed a scalable Q&A platform with seamless user authentication, achieving **95%** adoption through **Google OAuth** integration
- Optimized platform performance by implementing efficient search, filtering, and admin moderation, reducing API response time by **30%**
- Deployed frontend and backend with Netlify and Render, achieving Good uptime and supporting **100+** concurrent users seamlessly

### MoneyMinder | ReactJs, Docker, Tailwind CSS, NodeJs, ExpressJs

Sept 2024 - Present

- Created a scalable, **JWT-secured pocket money management app**, delivering real-time income and expense tracking with MongoDB
- Developed an **interactive dashboard**, providing insights into financial data for users
- Utilized **Docker** for containerization, ensuring smooth deployment

### FashionMatch | AI, Machine Learning, NLP, Python

August 2023 - Present

- Developed an **AI-driven** fashion recommendation system using **ResNet50**, **NLP** and web scraping
- Created preprocessing pipelines with TF-IDF and scraped data from Pinterest
- 25%** conversion upswing, **30%** higher order value and **45%** boost in customer engagement

## TECHNICAL SKILLS

**Languages** : C/C++, JavaScript, HTML/CSS, Python, SQL, NoSQL

**Frameworks & Libraries** : ReactJs, Material-UI, Bootstrap, Vite

**Developer Tools** : Git, Visual Studio, Postman, MySQL

**CS Fundamentals** : Data Structures and Algorithms, Object Oriented Programming, Database Management systems

## ACHIEVEMENTS AND CERTIFICATIONS

- Secured **All India Rank 8844** in **JEE Mains 2021**, among 1,000,000+ applicants across country conducted by NTA
- Qualified **Meta** Hacker Cup-2022
- Semi finalist in Flipkart's Hackathon - **Flipkart GRiD 5.0**
- Completed over more than 500 coding question on various platform like Leetcode, Codeforces, Codechef, Coding Ninjas, etc
- Earned Certification in **Google Cloud** Career Practitioners Program
- Achieved Certificate in **Joy of Computing Python** from NPTEL

## POSITIONS OF RESPONSIBILITY

### Tech Lead, Gdsc-dtu

August 2023 - July 2024

- Organized Flutter Forward and Solution Challenge Tech Talk, drawing **200+** participants for tech community engagement
- Managed event logistics and speaker coordination, ensuring seminars
- Coordinated Android Jam Compose Camp, boosting community involvement with **100+** participants