# Shalin Jain

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## EDUCATION

### IIT JODHPUR
B.tech in Computer Science Engineering
May 2025 | Jodhpur, India
CGPA: 8.69/10

### CENTRAL ACADEMY - KOTA
Class 12 | CBSE
May 2021 | Kota, Raj.
Percentage: 93.6 %

### NKDAV SCHOOL
Class 10 | CBSE
March 2019 | Veraval, Guj.
Percentage: 95.4 %

## COURSEWORK

- Data Structures and Algorithms
- Software Engineering (A*)
- Algorithms for Big Data (A)
- Computer Networks (A)
- Cybersecurity (A)
- Database Systems (A)
- Introduction to Blockchain (A)
- Design and Analysis of Algorithms (A-)
- Graph Theory and its Applications (A-)
- Operating Systems (A-)
- Pattern Recognition and Machine Learning (A-)
- Optimization in Machine Learning (A-)

## SKILLS

### PROGRAMMING
- Java • C/C++ • Go (Golang)
- Python • SQL

### WEB DEVELOPMENT
- HTML • CSS • Typescript
- JavaScript • NodeJS • React
- Jenkins • AWS • Docker

### AI/ML
- Large Language Model (LLM) integration • Generative AI features • Federated Learning

### TECHNICAL SKILLS
- Git • Agile (Jira)
- OracleDB • Linux/Unix

### SOFT SKILLS
- Clear Communication • Team Work
- Time Management • Problem Solving

## POR

- **Coordinator** of **Game-Dev Club**
- **Member** of **Programming Club**,

## EXPERIENCE

### CVENT INDIA | Software Engineer I
July 2025 - Present | Gurugram, Haryana

- Contributed to ongoing **theming project**, implementing UI consistency and customization features in **React**.
- Developing the **end-to-end Invoicing Product**, authored **5 detailed API specifications** for invoicing services, aligning backend and frontend implementations.
- Delivered **1 major production feature:Sponsored Sessions for Exhibitors**.
- Optimized GraphQL data fetching for Sponsored Sessions, reducing **4,000 network calls to 2 (>99% reduction)**.
- Resolved **20+** production bugs, including **2 critical (P0)** customer-impacting issues.
- Refactored, owned, and maintained **10+ modules**, improving code quality and long-term maintainability.
- Collaborated with **3+ cross-functional teams** in an agile environment to deliver features on schedule.

### COINBASE INDIA SERVICES | Software Engineering Intern
May-August 2024 | Bengaluru, Karnataka

- Enhanced the search algorithm to support various queries using **Prose**, developed and integrated **deep links** for **efficient query handling**.
- Optimized cache latency via traffic rerouting using **Golang** and **gRPC**.
- Contributed to unit testing and **Agile** workflows in a **microservices** setup.

### IIT JODHPUR | Undergraduate Teaching Assistant
Aug-Dec 2024 | Jodhpur, Rajasthan

- Assisted **300+** students in the class of Introduction to Machine Learning.

## PROJECTS

### DATA TO MARKET: D2M | Paper 🔗
Software Research Project | Distributed Systems, Blockchain, Python

- **Decentralized & Secure**: D2M is a fully decentralized data marketplace ensuring secure, privacy-preserving data sharing using blockchain governance, federated learning, and off-chain computation.
- **Scalable & Byzantine-Resilient**: The system scales linearly and remains robust against Byzantine behavior, supporting efficient interactions among buyers, sellers, arbiters, and compute nodes.
- **High Accuracy & Performance**: Tested on MNIST, CIFAR-10, and Fashion-MNIST, D2M achieves **98.75%** peak accuracy (MNIST) and maintains strong accuracy even with **10-30%** Byzantine nodes (**MNIST: 98%, CIFAR10: 65%, FashionMNIST: 90%**).

### PROJECT PORTAL | Project Portal 🔗 | GitHub 🔗
Software Engineering Project | React, Firebase

- Designed a web app using **React** and **Firebase** for real-time project management.
- Developed a user-friendly interface for project management and review.
- Integrated **RESTful APIs** to optimize data communication and resource efficiency.

## ACHIEVEMENTS

- **Specialist** (1458) on Codeforces
- Department Rank **10**
- **A*** in Software Engineering, given to only one student.
- Jee Advanced AIR **1978**, among Top **5** in IIT Jodhpur

## MOOC

- Deep Learning Specialization on Coursera **Certificate** 🔗