

# Ishan Joshi

[LinkedIn](#) | [Github](#) | [Portfolio](#)

Indore, India

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## EXPERIENCE

### Product Software Engineer

Trianz

Sept 2024 – present

Hyderabad

- Developed a application for Microsoft SQL Server and MySQL with pre-migration analysis, RDS provisioning, and native migration workflows using React, TypeScript, and AWS services (RDS, DMS), enabling automated database migrations.
- Architected and developed backend service using FastAPI, PostgreSQL, and AWS SDK (boto3), automating RDS discovery, provisioning, and migration workflows with Ansible integration, supporting migration of 50+ databases from on-premise to AWS RDS
- Built scalable application architecture with modular design patterns, reusable components, and integrated logging systems, supporting concurrent migration workflows and providing seamless user experience across complex multi-step processes.

### SDE Intern

Decimal Point Analytics

May 2023 – July 2023

Mumbai

- Optimized complex SQL queries, improving data retrieval performance, and enabling faster analytics for production environments
- Designed and implemented database schemas using Oracle Data Modeler, streamlining ETL workflows and reducing data processing time by 25%
- Built data pipelines using Pentaho Data Integration, successfully integrating data from MongoDB and relational databases, improving data quality.

## SKILLS

<b>Languages</b>	: Python, JavaScript, TypeScript, SQL, C++, C
<b>Frameworks</b>	: FastAPI, React.js, Redux, Bootstrap, TailwindCSS
<b>Course Work</b>	: Data Structures & Algorithms, Database Management Systems, Software Development Life Cycle
<b>Tools</b>	: VS Code, Pentaho Data Integration, Azure DevOps, Git, PostgreSQL
<b>Soft Skills</b>	: Cross-functional collaboration, Agile project management, Technical documentation

## EDUCATION

### Maulana Azad National Institute of Technology, Bhopal

Bachelor of Technology

2020 – 2024

CGPA: 9.00

### St Norbert S.S. School

Central Board of Secondary Education, Class XII

2020

Percentage: 94.2

### St Norbert S.S. School

Central Board of Secondary Education, Class X

2018

Percentage: 93.4

## PROJECTS

### Stock Market Trading & Portfolio Tracker

React.js, Tailwind CSS, Node.js, Express.js, PostgreSQL,

[Source Code](#)

- Built a full-stack stock market trading platform with React.js, Node.js, Express, and PostgreSQL, enabling real-time stock/mutual fund data visualization, portfolio tracking, and secure user authentication
- Integrated live market APIs to provide real-time price updates, watchlist management, and transaction history, using Axios, RESTful APIs, and optimized database queries.
- Implemented responsive, modern UI with Tailwind CSS and React hooks, following MVC architecture, secure coding practices, and performance optimization techniques.

## POSITIONS OF RESPONSIBILITY

### Training and Placement Cell

Placement Coordinator

July 2023 – April 2024

- Led 50+ training sessions and workshops, coordinated 1000+ student interviews, and streamlined interview processes to improve candidate and recruiter experience, contributing to higher campus placement.

### Unnat Bharat Abhiyan

Finance Coordinator

Sept 2022 – Aug 2023

- Assessed rural development challenges and managed 5L+ budget for sustainable, community-driven solutions, implementing 5 projects benefiting 1000+ villagers for long-term growth.