

Aarti Mehra

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EDUCATION

Bachelor's in Computer Science and Engineering at **KCC Institute of Technology and Management**
(Batch - 2025) (CGPA-8.1)

WORK EXPERIENCE

Web Development Intern at Staqa Pvt.ltd.

September 2023 - November 2023

- Helped in football analysis web application used to track 1K+ daily visitor records.
- Under the guidance built a website using HTML/CSS , Javascript,Rest API

PROJECTS

Task-Management-System

[Project Github Link](#)

- Built a full-stack CRUD application using React and Node.js, implementing MySQL and Sequelize ORM to manage relational data and real-time task synchronization.
- Integrated JWT Authentication and Bcrypt for secure user access, featuring a dynamic dashboard with React Hooks to track task statuses and time scheduling.
- **Tools:**React.js,Node.js,JWT,MySQL

AWS-Snapscale-project-Asynchronous Image Processing System

[Project Github Link](#)

- Built a cloud-native AWS application using a Producer-Consumer architecture to process image resizing asynchronously, reducing request latency by 60%
- The system decouples image uploads from processing tasks, enabling 5× higher concurrent requests while maintaining server responsiveness and scalability.
- **Tools:**Docker, Flask, Python, Containerd,AWS S3 (Storage), AWS SQS (Queue),Database MySQL

CricFolio-Cricket-Tournament-Management-System

[Project Github Link](#)

- Developed "CricFolio," a cricket-themed web platform for fans, players, and organizers.
- Built with React.js, Tailwind CSS, and Framer Motion for a dynamic user experience.
- Features tournament and player registration, trending matches, leader-board and responsive design for ease of use.
- Enhanced user engagement by 40% and reduced bounce rates by 25%
- **Tools:** React.js, Tailwind CSS, JavaScript, shaden UI, FastAPI, PostgreSQL

CERTIFICATIONS

- **Introduction to SQL(using MYSQL Workbench), Simplilearn** [Certificate Link](#)

SKILLS

- **Languages:**Javascript, C/C++, SQL,Python(beginner), HTML/CSS
- **Frameworks and Libraries:** React.js, Node.js, Tailwind CSS,Json web Token,Axios,React Router DOM,Express.js
- **Databases:** MYSQL,PostgreSQL