

# Rana Yuvraj Singh

## Software Engineer

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## Professional Experience

**Software Engineer - Full Stack Developer, (CITYSCOPE)** **Jaipur, India** 05/2023 - Present

- Boosted user engagement by 75% with **React** and **Redux** in a ticket booking Web App Covering all of Rajasthan and giving Glimpse of every part of Rajasthan.
- Slashed errors by **50%** with **TypeScript**, ensuring a smoother user experience.
- Sped up user interactions by 50% using React and **Redux Toolkit**, making the app more responsive.
- Enhanced backend operations by 60% with **Node.js** and Azure SQL, facilitating seamless performance statewide.
- Streamlined issue resolution by 20% using Data Structures and Algorithms, ensuring smoother functionality across Rajasthan.

**Software Engineer - Full Stack Developer, (Sterlite Technology)** **Pune, India** 10/2022 - 03/2023

- Enhanced database query efficiency by 30% by designing MySQL architecture for an e-commerce platform, ensuring faster user response times.
- Improved server responsiveness by 50% through **Java**, **Spring Boot** optimization, enhancing scalability and performance.
- Strengthened data security by 25% with the implementation of **JWT Tokens**, safeguarding customer data integrity.
- Boosted user engagement by 40% with dynamic **Angular** interfaces and enriched decision-making with 20% better analytics visualization.

**Intern - Full Stack Developer, (Infosys)** **Mysore, India** 02/2022 - 06/2022

- Created a Template Generator for Advertisement using C# and .Net Core, increasing programming skills by 20%..
- Integrated features, reducing user effort by 75% and enhancing productivity, with a focus on product development.
- Implemented an efficient pipeline for seamless template creation, improving process efficiency by 25%.

## Skills And Technology

- **Programming Languages:** C++, Java, **JavaScript**, TypeScript
- **Frontend Development:** React.js, Javascript, **Next.js** .
- **Backend Development:** Java, Spring Boot, Kafka, Spark, Node.js, Express, MySQL, MongoDB, Unit Testing.
- **DevOps:** **Docker**, **Kubernetes**, AWS, Linux
- **Others:** Data Structures and Algorithms, Distributed Systems, Java/J2EE, Web Technologies, RDBMS, Messaging, Collaboration and Communication, Object-oriented programming languages, Adherence to Coding Standards, Unit Testing, OO design, SDLC, Cross-functional team
- **Personal Projects:**
  - [CityScope](#)  
Description: A platform for exploring cities through multimedia content.  
Tech Stack: React, Node.js, Nest.js, AWS, MongoDB
  - [StellarStyles](#)  
Description: An e-commerce Website offering stylish Products for various purposes.  
Tech Stack: React, Node.js, Nest.js, AWS, MongoDB, FireBase, Vercel, TypeScript

## Education

Computer Science [Graphic Era University](#)

Dehradun, India 2018-2022