

# Shri Krishna

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## Professional Summary

Full Stack Developer with 4 years of experience building scalable systems using ReactJS, Java and Go. Skilled in performance optimization, data visualization, and deploying solutions with Ansible, Jenkins and MongoDB

## EDUCATION

### University of Illinois at Chicago

*Masters of Science in Computer Science*

Chicago, Illinois

*August. 2024 – May 2026*

Coursework: Database Systems, Secure Web Application Development, User Interface Design & Programming

### SRM Institute of Science & Technology

*Bachelor of Technology in Information Technology*

Chennai, Tamilnadu

*July. 2016 – May 2020*

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, HTML, CSS, SASS, LESS, Go, MySQL, YAML

**Frameworks/Database:** Angular, VueJS, ReactJS, SQL, MongoDB, Prometheus, Grafana, Cypress, JBoss,

VictoriaMetrics, Ansible, Selenium, Cassandra, Figma, ElectronJS, Firebase, Maven, RxJS, NestJS, Nginx, React Native

**DevOps:** Git, BitBucket, AWS, Docker, Kubernetes, OpenStack, OpenShift, Jenkins, Drone, Azure, Linux

## EXPERIENCE

### UIC Technology Solutions — Graduate Assistant

October 2024 – Present

*Go Time & MySQL Portal — VueJS, MySQL, Docker, YAML*

*Chicago, Illinois*

- Crafted design components that adhered to design standards, which helped reduce code duplication across UIC websites by 20%
- Remodeled YAML scripts to automate UI testing on every push, helping teams fix issues 70% faster

### Tata Consultancy Services — Full Stack Developer

September 2020 – July 2024

*NetApp Service Engine — VueJS, Go, Grafana, MongoDB*

*Bengaluru, Karnataka*

- Implemented multi-tenancy and RBAC features, reducing operational costs by 50% by enabling support for multiple customers on a single infrastructure
- Led a team of four in developing Cypress test suites for user workflows, eliminating manual UI testing and accelerating release cycles by 60%

*ActiveIQ — Angular, Highcharts, Ag-Grid, Jasmine*

- Engineered visualizations like bar and line graphs, boosting customer retention by 40% using Figma prototypes to clarify storage usage and costs, enabling optimized decisions
- Developed a unified dashboard for customers to track storage usage and costs, streamlining billing and boosting revenue by 30%.

*ASUP Tracer — Angular, PrimeNG, Bootstrap, RxJS*

- Built an application capable of handling 1 million data points displayed as a timeline chart, reducing AutoSupport processing time from 1 minute to 30 seconds and driving revenue growth by 45%
- Designed detailed area charts to accurately track and validate AutoSupport data flow across multiple Kafka pipelines, cutting SLA times by 50% per support ticket

## PROJECTS

*RhythPic — ReactJS, Stable Diffusion API, MongoDB*

- Curated a platform that integrates real-time AI-generated visuals with music, reducing app-switching and elevating user engagement
- Added features like lyric-based visuals, smart search, and easy playback controls for a seamless user experience

*Playpal — ReactJS, Material UI, OpenStreetMap, ExpressJS*

- Spearheaded the creation of a platform enabling seamless discovery, booking, and management of sports venues
- Elevated user convenience through geolocation-powered searches and customizable sport-specific filters

## ACHIEVEMENTS/ROLES

**Teaching:** Certified over 100 students by tutoring them under the RHCSA and RHCE program curriculum, helping them advance their careers

**Certifications:** Red Hat Certified Specialist in Ansible, Virtualization, JBoss, OpenShift, OpenStack