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   Chicago, Illinois
Masters of Science in Computer Science   *August. 2024 – May 2026*
Coursework: Database Systems, Secure Web Application Development, User Interface Design & Programming

SRM Institute of Science & Technology   Chennai, Tamilnadu
Bachelor of Technology in Information Technology   *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

GQL Converter — GraphQL, VueJS, TypeScript, Vuetify
- Revolutionized network request debugging by building an app that converts generic GQL requests into executable GQL Playground format, improving debugging efficiency by 50%
- Programmed caching mechanisms to accelerate request conversions, achieving up to an 80% improvement in turnaround time

Music Jam — ReactJS, ExpressJS, OAuth, RestAPI
- Fabricated a playlist creation app that allows users to add multiple songs to a custom playlist at once, streamlining the playlist-building process
- Integrated third-party authentication with Spotify, enabling secure access and management of existing user playlists

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