KURRA SAIKIRAN

College Graduate | Software Engineer

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CAREER OBJECTIVE

I am excited to contribute to the development of event-driven architectures using Kafka or RabbitMQ, and to collaborate with cross functional teams to implement CI/CD pipelines, TDD , and refactoring/rewrite systems. With my proficiency in git flow. I am confident in my ability to manage and deploy complex systems.

EDUCATION

Bachelor of Science Computer Science and Engineering   August 2018 –June 2022
KKR and KSR Institute of Technology and Sciences   Percentage:70%

Board of intermediate Education   June 2016 – May 2018

Sri Chaitanya junior College   Percentage: 72%

TECHNICAL SKILLS

- **Network Design:** LAN, WAN, VLAN.
- **Protocols:** TCP/IP, HTTP,HTTPS, DNS, DHCP, SMTP, FTP.
- **Network devices:** Routers, switches, Firewalls, Load Balancers.
- **Programming Language:** Java, spring boot, Microservices, GoLang
- **Web Languages:** Html, CSS, JavaScript, Angular
- **Databases:** SQL, Oracle.
- **Operating Systems:** windows server, Linux.
- **Cloud Technologies:** Ec2, Rds., IAM, S3 bucket
- **Version control tools:** Git, GitHub, Docker, Jenkins, Kubernetes ,Kafka.
- **Soft Skills:** Communication, Teamwork , Adaptability , Team Management, Decision making.

PERSONAL PROJECTS

Irctc   June 2021 – September 2021

- Implemented core modules of the IRCTC Application using Java and Spring Boot, focusing on user authentication , ticket booking , and payment integration.
- Developed and maintained RESTful APIs for seamless interaction between frontend and backend systems, ensuring efficient booking process and data retrieval.
- Optimized application performance by implementing caching strategies with Redis and tuning database queries , resulting in a 30% reduction in response time.
- Integrated Spring Security for robust authentication and authorization, enhancing the security of user data and transactions.
- Collaborated with cross-functional teams to deliver a cohesive and user-friendly application, improving the overall user experience.
- Implemented CI/CD pipeline using Jenkins to automate the build , test, and deployment processes, ensuring efficient and reliable application updates.

Food Munch   September 2020 – November 2020

- Developed a responsive website featuring 300+ food items complemented by integrated product videos.
- Executed a mobile-first approach with HTML, CSS, and Bootstrap, leading to a notable 10% enhancement in site responsiveness.
- Participated a user feedback system, significantly boosting user satisfaction, Executed SEO strategies, culminating in a noteworthy upswing in organic site traffic.
- Executed SEO strategies, culminating in a noteworthy upswing in organic site traffic through targeted keyword optimization.
- Enhanced user engagement through interactive features,13% resulting in prolonged time spent on the website.
- Collaborated with graphic designers to create visually appealing food item displays, enhancing overall user experience.

User Management   January 2022 – March 2022

- Designed and implemented a robust user management module in java using spring boot ,enabling secure user registration , authentication , and profile management.
- Configured and managed role-based access control to ensure appropriate permissions and access levels for different users.
- Integrated OAuth2 for third party authentication ,allowing users to securely log in with Google, Facebook and other providers.
- Utilized Spring security and JWT for secure user authentication and authorization, enhancing the overall security of the application.
- Implemented password security measures using BCrypt hashing, ensuring safe storage and management of user credentials.
- Developed RESTful APIs for user CRUD operations ,facilitating seamless integration with frontend application

CERTIFICATIONS & ACHIVEMENTS

- Certified in Deep Learning AI   Coursera
- Attained Introduction to Artificial Intelligence   IBM