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Github

Srikrishna Karnati

Portfolio
LinkedIn

SKILLS

Front End: JavaScript (ES5/ES6), Typescript, HTML, CSS, Next.js, React.js, Redux, Zustand, GraphQL, Angular, Bootstrap, Chakra UI, TailwindCSS, Shadcn, Styled Components.

Back End: Java, Spring, Springboot, Elasticsearch, Node.js, Express.js, JUnit, Spring data JPA, Hibernate, JDBC, microservices, python.

Testing: JUnit, Vitest, Unit testing, A/B Testing.

Database: MongoDB, PostgreSQL, MySQL, Redis.

Cloud: AWS, Azure, IAM, VPC, EC2, ELB, Auto Scaling, S3, Glacier, RDS, CloudFront, CloudWatch, Route53, SES, SQS, ECS, lambda.

Miscellaneous: REST, Json, GraphQL, CI/CD, Micro-services, cross-browser, mobile-responsive, Git, Github, Postman, Linux, Docker, Kubernetes, Microsoft 365, RabbitMQ, RadixUI, Agile, shopify, gradle.

WORK EXPERIENCE

California State University - Long Beach

Long Beach, CA

Web Developer - ISA

Aug 2021 – May 2022

- Built a web scraping tool to get NFT platform prices for research and developed a mobile-friendly portfolio website for the professor.
- Worked as an ISA for two courses that has 85 students in total, instructed Python to College of Business students, and prepared 20+ Jupyter Notebooks on Python.

Infosys Ltd

Hyderabad, TS

Web Developer - Systems Engineer

Aug 2019 – Jul 2021

- Built a performant e-commerce website that allowed users to browse from hundreds of items, add to their cart, and checkout. The site has 10k MAU, loads under 2 seconds and achieved a Lighthouse score of 90.
- Developed user registration, product catalog, order catalog, dashboards, and payment gateway.
- Designed and developed RESTful web services using Java and Spring, resulting in a 40% increase in API response time and a 30% reduction in server load.
- Implemented automated testing using JUnit, reducing the number of bugs by 30% and improving overall code quality by 25%.
- Resolved 20+ defects and wrote test cases for untested parts of the application and optimized existing test cases that covered 4 critical flows.
- Optimized legacy code implementations and accelerated software performance by 20%.

PROJECTS

- **E-Commerce(link)**: is an application where the admin can sell products based on different categories. We can add products & categories from Admin Dashboard & CMS Tech: Next.js 13, app router, Tailwind, prisma, MySQL.
- **PageForm(link)**: is an application to Manage event registrations, create a quick opinion poll, create quizzes, and much more with a stunning drag-and-drop designer and get responses by sharing URL. Tech: Nextjs, tailwindCSS, Typescript, PostgreSQL, dnd-kit, server-actions, prisma-orm, shadcn-ui.
- **Issue Tracker(link)**: is an application for recording customer complaints and problems so that they can be resolved in an organized fashion with the performance of 95 by Lighthouse. Tech: React, Next-13.5, typescript, React-hook-form, radix-ui, next-auth, MySQL, prisma-ORM.
- **GameHub(link)**: It is a video game discovery platform where users can search from 900,000 games based on relevance, genres or platform. Tech: react, chakra-ui, typescript, API.

EDUCATION

California State University - Long Beach

Long Beach, CA

M.S. in Computer Science

Aug 2021 – May 2023

- **Coursework:** Advanced Analysis of Algorithms, Object oriented Analysis & Design, Software Engineering, Advanced Operating System, Web Technologies, Data structures, Design Patterns, Cloud Computing.