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Github

Srikrishna Karnati

Portfolio
LinkedIn

SKILLS

Languages: JavaScript(ES5/ES6), Typescript, HTML, CSS, C, Python, Java.
Front-end Frameworks & Libraries : Next.js, React.js, Redux, Zustand, GraphQL, Astro, Angular, Bootstrap, Chakra UI, TailwindCSS, Shadcn, Styled Components, React Native.
Back-end Frameworks & Libraries : Node.js, Express.js, MongoDB, PostgreSQL, MySQL, Redis.
Testing Frameworks & Libraries: Vitest, Jest, Playwright, Unit testing, A/B Testing.
Tools: Git, Github, Postman, AWS, Azure, CI/CD, REST APIs, Linux, Docker, Jira, Kubernetes, Microsoft 365, RabbitMQ, RadixUI, Agile.
Miscellaneous Technologies: Front-end, Back-end, API, Micro-services, cross-browser, mobile-responsive.

WORK EXPERIENCE

California State University - Long Beach — Long Beach, CA
Web Developer - ISA — *Aug 2021 – May 2022*

- Built a web scraping tool to get the prices of NFT platforms for research. The prices are updated based on the time interval set by the user.
- Developed an interactive and mobile-friendly portfolio website for a professor from the College of Business.
- Worked as an ISA for two courses that have 85 students in total. Conducted class hours to solve student doubts and graded their assignments and exams within the deadlines.
- Instructed Python programming language to College of Business students through 1:1 meetings.
- Prepared more than 20 Jupyter Notebooks on different topics of Python Programming Language.

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, customer support ticketing, product catalog, order catalog, dashboards, and payment gateways for internal products.
- Decreased the page load time from 4 seconds to 2.5 seconds, improving the performance of the application by 38%. Additionally, the Lighthouse score of the application improved from 70 to 90, resulting in a 29% improvement.
- Designed, developed, tested, and maintained scalable and high-performance applications from identifying system requirements to software implementation.
- Resolved 20+ defects and wrote test cases for untested parts of the application and optimized existing test cases that covered 4 critical flows. This increased test coverage from 50% to 75%.
- 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.