Charanvir Singh

Software Developer

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🔗 https://charanvir.github.io/charanvirs-portfolio/   in linkedin.com/in/charanvir

○ github.com/Charanvir

PROFESSIONAL SUMMARY

Full Stack Developer with 4+ years of experience building scalable, user-focused software solutions and high-availability systems. Proficient in React, TypeScript, Python, and backend technologies like Node.js, Redis, and Elasticsearch. Expertise in designing RESTful APIs, implementing microservices architecture, and optimizing databases (SQL and NoSQL). Skilled in leveraging cloud platforms (AWS, Azure) and containerization tools (Docker, Kubernetes) to deliver robust applications. Demonstrated ability to resolve critical issues within SLA timelines, enhance CI/CD pipelines for faster deployment, and collaborate across teams to improve system performance. Passionate about mentoring developers and driving business growth through innovative solutions.

PROFESSIONAL EXPERIENCE

Software Application Developer   08/2023 – present
Case IQ
- Maintained a 95%+ customer success rating by promptly addressing and resolving customer support tickets.
- Achieved a 100% ticket success rate, resolving system bugs and minimizing customer impact.
- Developed scripts to update thousands of database records efficiently, reducing manual intervention and errors.
- Diagnosed and resolved critical system outages within 1 hour, ensuring SLA compliance and minimal disruptions.
- Identified and addressed performance bottlenecks, improving latency and overall system reliability.
- Designed and implemented customer-facing features in collaboration with cross-functional teams, enhancing user experience.

Web Development Teaching Assistant   2022 – 2023
2U
- Mentored 60+ students, achieving a 95% pass rate across multiple cohorts.
- Provided detailed feedback on over 100 projects, improving adherence to industry best practices.
- Delivered workshops on JavaScript, React, and Test-Driven Development, enhancing student proficiency.
- Resolved complex student queries, fostering confidence and enabling timely assignment completion.

Frontend Developer   2019 – 2022
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- Designed and maintained the company website using React and TypeScript, improving usability and performance.
- Enhanced mobile responsiveness, ensuring a seamless user experience across devices.
- Reduced website load times by 25% through performance optimizations resulting in increased customer retention and satisfaction.
- Resolved bugs promptly, maintaining a 99% uptime and reliability.

SKILLS

Programming Skills
JavaScript, TypeScript, Python

Frontend Frameworks and Libraries
React, Bootstrap, CSS, HTML, Tailwind CSS

Backend and Database
Node.js, SQL (Postgres, MySQL), NoSQL(MongoDB), RESTful APIs, GraphQL, Redis, Elasticsearch

Tools and Platforms
Docker, Kubernetes, AWS, Azure, Git, Jenkins, nginx

Developer Practices
Test-Driven Development (Jest), Agile Methodologies, CI/CD Pipelines, Microservices Architecture, Algorithms, Data Structures

Other Skills
Performance Optimization, API Design, Distributed Systems, Cloud Integration

EDUCATION

BSc Honours in Life Sciences   2015 – 2020
McMaster University   Hamilton, Canada

CERTIFICATES

Full Stack Web Development Certificate
UofT SCS Coding Boot Camp