

Sachin Kumar

Software Engineer

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Experience

Software Engineering Intern @ Capgemini

Feb 2023 - May 2023

- Developed expertise in C#, ASP.NET MVC, and ASP.NET Core while working on various projects as a software engineering intern.
- Engineered a movie booking API using ASP.NET Core that enabled online ticket booking for a client's theatre chain using best coding practices.
- Designed and implemented a responsive user interface using Angular for the Movie Booking API.
- Fostered team collaboration and managed version control using Git and GitHub, resulting in timely completion of 3 projects within deadline.
- Assisted in conducting 10+ code reviews to identify areas of improvement and optimize code performance.
- Improved code quality by identifying and resolving bugs through the use of various debugging tools and techniques.

Rust Intern @ Kootlabs

April 2022 - June 2022

- Acquired extensive knowledge in Rust ownership, lifetimes, and borrowing, which helped me build a solid foundation in the language.
- Worked collaboratively with a team of 3 people on mypassid, a decentralized wallet application built using Rust.
- Developed a CRUD REST API using Actix-web and MongoDB, which helped me gain practical experience in building scalable, maintainable, and efficient web applications.
- Served as a mentor to a new intern, helping them grasp the fundamentals of Rust and APIs and guiding them through the development process.

Subject Matter Expert (SME) @ Techcurators

June 2022 - Present

- Created 70+ scenario based multiple choice questions (MCQs) and Logic Box questions for Rust programming language, catering to learners with varying levels of expertise.
- Designed and developed 25+ scenario-based MCQs on DevSecOps topics, contributing to the creation of a comprehensive course on the subject.
- Created 10 challenging logic box questions on Tableau, testing the learners' knowledge on data visualization and analysis.
- Collaborated with a team of 6 professionals, including content creators and developers, to deliver high-quality, engaging and informative assessments.
- Received positive feedback from learners and the management for creating well-crafted and relevant assessments, enhancing the overall learning experience.

Skills

Programming Languages

Java, C, C++, JavaScript(ES6), Rust, TypeScript, Go, Python, HTML, CSS, GraphQL, Markdown

Libraries & Frameworks

React, Redux, Node, Express, NextJs, Actix-Web

Tools & Platforms

Git, Vim, Docker, Tablaeu, RapidMiner, PostgreSQL

Design

Photoshop, Figma, Illustrator

Projects

Batch-Deletion - CLI Tool

JavaScript/Python

CLI tool that deletes multiple files in a directory based on the file type.

Sorting-Visualizer - WEB App

ReactJs/TypeScript/Redux

Web application that visualizes sorting algorithms. User-friendly, responsive, and interactive interface.

Text-Generator - NLP

Python

Natural Language Processing tool that generates text by predicting the next word based on the previous word, using a Markov chain algorithm.

Education

Masters in Computer Applications @ LPU University

Aug 2021 - Present

Bachelors in Computer Applications @ LPU University

Aug 2018 - May 2021