Sameer Kumar Singh

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EDUCATION

RNS Institute of Technology   Bangalore, Karnataka
B.E. in Information Science Engineering, awarded First Class with Distinction.   *Dec. 2020 – July 2024*

Kendriya Vidyalaya AFS Avadi   Chennai, Tamil Nadu
Class 12 completed with First Class   *May 2018 – March 2019*

Kendriya Vidyalaya No.3   Amritsar, Punjab
Class 10 completed with 10 CGPA   *March 2016 – March 2017*

EXPERIENCE

Software Engineer I   July 2024 – Present
Hashedin by Deloitte   *Bangalore, India*
- Designed and developed scalable backend applications using Java, Spring Boot, JPA, and REST APIs.
- Built and executed comprehensive JUnit test cases, achieving over 90% code coverage.
- Worked on applications implementing proprietary Large Language Models (LLM) and Generative AI technologies to automate processes, reducing development effort by 30-40% and optimizing workflows for increased productivity.
- Analyzed and understood legacy Java code architecture to aid in migrating large codebases to modern standards, improving maintainability and performance.

Trainee Engineer   April 2024 – July 2024
Hashedin by Deloitte   *Bangalore, India*
- Completed a 4-week bootcamp at HashedIn University, gaining hands-on experience in Git, Docker, Java Spring Boot, React, and .NET.
- Developed "Data Wizard," a web application leveraging OpenAI's LLM technology for advanced database manipulations.

Student Intern   September 2023 – April 2024
Nokia Solutions Networks   *Bangalore, India*
- Conducted Valgrind memory leak checks, enhancing reliability and saving up to 40% of memory in a single MT.
- Automated processes with Python scripting and configured Jenkins for streamlined workflow notifications.

SKILLS

Technical Skills:Java, Spring Boot, REST APIs, Git, GitHub, Docker, Python, C++, C, HTML5, CSS3, JavaScript, SQL, Valgrind, Gerrit.
Leadership Skills : Communication, Collaboration, Critical Thinking, Problem-Solving, Teamwork, Adaptability.

PROJECTS

Hostel/Community lending webapp | *HTML, CSS, JavaScript, Firebase*   August 2023 – September 2023
- Pioneered webapp enabling lending of items, notes, and books between over 500 hostel residents, reducing unnecessary expenses and building trust with over 200+ lendings so far
- Developed and designed using HTML, CSS, Bootstrap and JavaScript with data stored securely on Firebase

Railway Reservation System using Hashing | *C++, File Handling*   June 2023 – July 2023
- Developed a C++ application to simulate Railway Reservation System achieving an user-friendly menu-driven interface for efficient data processing and retrieval
- Streamlined passenger search by 90% compared to linear search and boosted system performance by implementing hash tables and externalizing reservation and user data storage in text files

Cryptock - Live Crypto Tracker Website | *HTML, CSS, Javascript, Github*   March 2023 – May 2023
- Built a responsive website with HTML, CSS and JavaScript to display live crypto prices and investments
- Developed an intuitive dashboard presenting real-time cryptocurrency prices and tabular data, displaying the current value and Profit/Loss of all investments in one place

CERTIFICATES AND COURSES

Learn and Master C Programming For Absolute Beginners! | *Infosys SpringBoard*   July 2021 – Present
HTML, CSS, and Javascript for Web Developers | *Coursera (Johns Hopkins University)* June 2021 – Present