



SACHIN DUHAN

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A seasoned software developer with a strong foundation in computer science, specializing in designing, developing, and deploying robust and scalable software solutions. Adept at utilizing advanced programming skills, problem-solving expertise, and industry best practices to deliver innovative applications that drive business success. Eager to leverage my experience in software architecture, full-stack development, and cross-functional collaboration to contribute to impactful projects and further organizational goals.

WORK EXPERIENCE

Software Developer Congrou Inc.

May 2024 – Oct 2024

- Designed and developed dynamic web applications using HTML, CSS, JavaScript, and React, improving user engagement and accessibility.
- Engineered backend systems using Python and Node.js, enhancing data processing efficiency and scalability.
- Collaborated with cross-functional teams to identify and resolve technical issues, ensuring seamless integration of new features.
- Conducted code reviews and implemented best practices in version control using Git, ensuring maintainable and high-quality codebases.
- Developed unit tests and performed debugging processes, achieving over 85% code coverage and reducing defects.
- Authored and maintained comprehensive technical documentation to support project lifecycle and knowledge sharing.
- Optimized application performance, reducing load times by 25% and improving overall user experience.

Team Lead / Developer Sheridan College

Jan 2024 – Mar 24

Project: Blackjack Game Development

- Directed the development of a fully operational Blackjack game in Java, utilizing advanced object-oriented programming principles such as encapsulation, polymorphism, and inheritance.
- Led a team of three developers, fostering collaboration and effective use of GitHub for version control and task management.
- Enhanced application performance by 20% through advanced optimization techniques and implemented unit testing with JUnit, reducing bugs by 30%.
- Presented the project to stakeholders, effectively communicating technical details and project impact.

EDUCATION

- **Computer Programming (GPA – 3.8) - Sheridan College, Jan 2023 – Apr 2024**
Enterprise Java Development / Database Design and Implementation / .NET Technology using C# / Mobile Web-based Applications, Computer & Network Security.
- **High School (Science – Physics, Chemistry, Mathematics), India - 2022**

CERTIFICATIONS

Java SE 8 Oracle Certified Associate Introduction To Cybersecurity

TECHNICAL EXPERTISE

Operating System:	Windows and Linux.
Programming Languages:	JAVA, C#, Python, TypeScript, JavaScript, SQL and Shell Scripting.
Web Development:	React, HTML, CSS, Angular Material, Bootstrap
Developer Tools:	Visual Studio Code, Visual Studio 2022 (for .NET), Jira, Eclipse, Postman, MySQL Workbench, Figma, Microsoft SQL Server Management Studio.
Networking:	TCP/IP, DNS, LAN/WAN, FTP.
CI/CD Tools:	Jenkins, GitHub Actions
Frameworks/Libraries:	Spring, JUnit, REST API, Testcontainers
Technology:	Docker, AWS, Maven, MySQL, Kubernetes, Git, GitHub, GitLab and Bitbucket

ACTIVITIES / INTERESTS

- **Member, ITC:** Engaged in projects with Windows, Linux, and Angular Material, dedicated to creating responsive web applications and conducting tests across diverse environments.
- **Independent Developer:** Crafted a Family Event Scheduler using Java, SQL, and Spring Boot, incorporating Postman for API testing and Docker for containerization.
- **Cloud Computing and Application Deployment:** Keen on delving into cloud technologies such as AWS and container orchestration with Kubernetes.
- **Software Optimization and Automation:** Driven to enhance development pipelines using CI/CD tools like Jenkins and GitHub Actions.

References available upon Request.