

RUPINDER SINGH

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Summary

A computer science student at Loyalist College, Toronto, I possess a strong passion for Software Development and a desire to gain practical experience in the industry. With a rigorous curriculum, I have acquired essential knowledge and practical skills that are crucial to excel in the field. I am currently seeking a CO-OP position that will enable me to apply my skills and knowledge professionally and build a solid foundation for my career in Software Development.

Skills

- Programming Languages: Java, C, C#, C++, Python
- Web Technologies: JavaScript, HTML, CSS, Bootstrap
- Databases: MySQL, Oracle, SQLite
- Frameworks and Libraries: .NET Framework, ReactJS, NodeJS
- Tools and Technologies: SQL Developer (PL/SQL Queries), Git, Visual Studio, Eclipse, PyCharm
- Backend Development: PHP, ASP.NET
- Frontend Development: Angular, Vue.js
- Mobile Development: Android Studio, Flutter
- Data Science and Machine Learning: NumPy, Pandas, scikit-learn, TensorFlow
- Version Control Systems: Git, SVN
- Operating Systems: Windows, Linux
- Software Development Lifecycle (SDLC)
- Object-Oriented Programming (OOP)
- Data Structures and Algorithms

Experience

Python Developer Intern | Coding Elements - Delhi, India | 03/2021 - 08/2021

- Wrote efficient, scalable, and maintainable code in Python to develop and maintain Python-based applications and systems.
- Collaborated with cross-functional teams to identify and prioritize software features, ensuring alignment with project goals and objectives.
- Debugged and troubleshooted issues in Python code, ensuring optimal performance and functionality.
- Integrated Python-based applications with other systems and services, facilitating seamless data exchange and interoperability.
- Participated in code reviews to ensure compliance with coding standards, best practices, and maintainability.
- Managed version control and deployment of Python code, ensuring efficient and controlled release processes.
- Provided technical guidance and support to other team members, sharing expertise and assisting with problem-solving.
- Stayed up to date with new technologies and industry trends related to Python development, applying relevant advancements to enhance application development and performance.

Web Developer Intern | AVD Technology - Delhi, India | 12/2019 - 12/2020

- Developed and maintained all aspects of web applications, including front-end and back-end development.
- Interpreted and implemented client requirements, translating them into technical specifications.
- Proficiently used a wide range of technical skills and knowledge to develop and maintain web applications.
- Designed and managed databases, ensuring efficient data storage and retrieval.
- Integrated web applications with third-party services to enhance functionality.
- Deployed web applications to production environments, ensuring smooth and efficient deployment processes.
- Maintained and updated web applications to ensure security and compatibility with the latest technologies and frameworks.
- Deployed web applications to production environments, ensuring smooth and efficient deployment processes.

Education and Training

Loyalist College of Applied Arts And Technology | Toronto, ON | Expected in 12/2023

Ontario College Graduate Certificate : Computer Software & Database Development

SGTBIMIT, IP University | Delhi, India | 08/2019

Bachelor of Computer Applications: IT

- Internship: Completed an Industry Oriented Project "Medi Book - Health Care" in association with IBM (2018)
- Collaborated with IBM professionals to develop an innovative web-based application, "Medi Book," focused on improving healthcare management.

Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/rupinder-singh-9ba1b8176/>
- <https://github.com/rooppanesar>
- <https://app.netlify.com/teams/rooppanesar/sites>

Certifications

Python for Data Science Certification (July 2019 - Sept 2019)

- Completed an intensive training program focused on Python programming for data science applications.
- Acquired essential skills in programming basics, logical thinking, and problem-solving.
- Developed a strong foundation in object-oriented programming, data structures, and algorithms.
- Gained proficiency in functional programming techniques and their application in data science.
- Explored key concepts in data science and machine learning, including data manipulation, visualization, and predictive modeling.
- Learned how to build web applications and APIs using Python.
- Successfully completed a project on "Desktop Calculator and Chatting Web App," applying acquired skills to develop a functional and user-friendly application.

Full Stack Web Development Certification (Sept 2021 - Nov 2021)

- Completed an intensive training program focused on Full Stack Web Development.
- Acquired proficiency in JavaScript, React JS, and Node JS, key technologies used for building dynamic and responsive web applications.
- Developed expertise in utilizing the Google Cloud Platform for backend development, including storage and databases.
- Learned best practices for hosting and deploying web applications to ensure optimal performance and scalability.
- Acquired skills in designing user interfaces and implementing user-friendly web experiences.
- Gained proficiency in utilizing Bootstrap framework for responsive and mobile-first web development.

Junior Cybersecurity Analyst Career Path - Cisco Networking Academy

- Acquired comprehensive knowledge of techniques for monitoring and protecting networks, including firewall implementation, cloud security, and cryptography.
- Proficient in identifying and responding to security alerts and adhering to security governance practices.
- Skilled in conducting network vulnerability assessments and developing risk management plans, including forensic investigations and incident response planning.