Neeraj **Bansal**

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Summary

Highly skilled and motivated software engineer with 1 year of internship experience. Passionate about building world-class products through proven software development and engineering skills.

Skills and Technologies

• **Languages**: TypeScript • JavaScript • HTML • Python • Java • C++ • C • BASH.

• **Front-end**: Angular • CSS • SCSS • Bootstrap • PHP • Flutter.

• **Back-end**: AJAX • JSON • C# • ASP .NET • Node.js • SQL.

• **Others**: Azure • REST APIs • GitHub • Jira • Linux • Selenium • Data Structure • Networking.

Experience

Canadian Ski Patrol   *Ottawa, Canada*
STUDENT.   *May. 2023 - Dec. 2023*
 • Developed a desktop application for managing events, inventory, volunteer shifts or users, and marking points for emergencies.
 • Collaborated with First-Aid Heroes group in developing the application using .NET, Flutter Framework, and Firebase database.
 • Our project received significant recognition by winning the 3rd prize in RE/Action at Algonquin College of Arts and Technology.

Qarrot   *Montreal, Canada*
SOFTWARE DEVELOPMENT INTERN. QARROT.   *Jan. 2023 - Apr. 2023*
 • Developed a cutting-edge web and mobile application within the Microsoft Teams environment, leveraging advanced technologies such as Angular and Typescript.
 • Demonstrated expertise in performing comprehensive Component and End-to-End testing using Cypress and Angular frameworks, ensuring high-quality and bug-free software.

Ciena Corporation   *Ottawa, Canada*
SOFTWARE AND LAB INFRASCTURE INTERN (D.O.E. TEAM). CIENA.   *May. 2022 - Aug. 2022*
• Orchestrated automation tool using Selenium framework and Python script to analyze users and their technical support groups and recommend product learning modules based on this criterion.
• Employed best coding practices to develop and deploy Ciena internal web tools and microservices used by various engineers and lab technicians using JavaScript, and Typescript.
• Collaborated with Network Analysts and Embedded Software Engineers to configure, provision, and debug packet-network systems, lab kits, optical measurements, and wave servers.

Projects

Crypto Market App   *Ongoing*
TOOLS: Angular, TypeScript, JavaScript, JSON, AJAX, CSS, HTML, Heroku, GITHUB
• Introducing an e-commerce Angular web application for stocks and crypto-currency traders that prints real-time prices of stocks and crypto-currency.
• Scaled the backend service API with HTTP methods (POST, GET, PUT, DELETE) using JavaScript and deployed it on Heroku's Platform as a service cloud (PaaS).

Education

Algonquin College of Arts and Technology   *Ottawa, Canada*
Computer Engineering Technology – Computing Science   *May.2021 – Dec. 2023*
• Dean's Honours List; Major CGPA: (3.77 / 4.0)