

Himel Nath

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TECHNICAL SKILLS

Programming Languages: Python, Java, HTML/CSS, JavaScript, PHP, SQL (MySQL, NoSQL), LaTeX, C
Frameworks/Libraries: Flask, React, Vue.js, Spring Boot, Angular, JUnit, Pytest, Jest
Developer Tools: Git, VS Code, Wireshark, PuTTY, AWS, Maple, Docker, JetBrains, Postman

EXPERIENCE

Lead Developer

Nov 2024 – Present

SimplyCast

Halifax, NS

- Led and mentored a team of developers to implement effective solutions, reducing the platform's **bug count from 220 to 99** while boosting system stability, performance, and user experience.
- Served as the central liaison between Sales, QA, and development by spearheading cross-functional meetings, delegating tasks, and setting priorities for customer issues to ensure swift resolution.
- Prioritized team efficiency and onboarding by creating **comprehensive documentation** for the platform and **automating ticket unassignment** during transitions, streamlining workflows for new and existing members.

Junior Developer

Aug 2024 – Oct 2024

SimplyCast

Halifax, NS

- Resolved 24 critical and high-priority bugs** using breakpoints and element inspection to pinpoint root causes accurately, while creating a testing procedure that enhanced platform usability.

Software Development Intern

Sep 2022 – Dec 2022

Dash Hudson

Halifax, NS

- Elevated **user engagement metrics by 55%** by leveraging Vue.js to create new components and enhance platform user-friendliness, resulting in optimized frontend UI/UX design.
- Boosted **website activity by 20%** through customized tracking solution which analyzed brand social media presence using Google Analytics API to improve data accuracy and gain audience insights.

Support Engineer Intern

Jan 2022 – Apr 2022

SolutionInc

Halifax, NS

- Designed predictive solutions by analyzing site specifications and user needs, and optimized mini-PC deployments with customized operating systems, **cutting installation time by 35%**.
- Collaborated daily with consumers and Internet Service Providers to troubleshoot network issues, **ensuring 99.99% internet uptime** and maintaining high customer satisfaction.

PROJECTS

Trello Clone | Java, Spring Boot, React, Git, MySQL

Nov 2023 – June 2024

- Collaboratively built a task management system enabling multi-user login, task addition/deletion, and assignment of users and deadlines.
- Enhanced application resilience by implementing test-driven development and establishing an automated pipeline for continuous integration and delivery, streamlining both testing and deployment processes.

Discord Bot | Python, Flask, Git, AWS

Jan 2023 – Apr 2023

- Developed and deployed a robust Discord bot using AWS EC2 and DynamoDB, automating user commands and enhancing functionality with a game rating system that received over 100 ratings in its first month.
- Designed and integrated a wish-list system enabling seamless communication across multiple services, increasing user engagement by 20%.

EDUCATION

Dalhousie University

Halifax, NS

Bachelor of Computer Science, Minor in Mathematics - CGPA 4.16/4.30

Jan 2020 – May 2023

- Certificate in Communication Technologies & Cyber Security
- Designation of Sexton Scholar | 2022 Marjorie F Ellis Scholarship | 2022 Bruce and Dorothy Rossetti Scholarship - Gold Award**