

# Mohit Lal

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GitHub: <https://github.com/mohit-lal>

## PROFILE SUMMARY

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An experienced and focused software engineer graduate from Conestoga College with over three years of experience developing enterprise projects for a diverse clientele. A self-starter and dedicated team player who works with team members at all levels of the company to build software infrastructure and architectures that are reliable and user-friendly.

## HIGHLIGHTS

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- Over three years of experience in web and software development
- Specialized in Mobile Solutions Development from Conestoga College, Waterloo
- Experience working on Python's Django project with the international team of Cotiviti Ltd for developing the "NI Engine."
- Experience working with Progress Open Edge in Java Software to develop an aerospace part ordering system for the world's largest independent aerospace company
- Ability to multitask, detail-oriented and problem-solving skills with teamwork in a fast-paced environment

## TECHNICAL SKILLS

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Programming Languages:	Python, Progress, JavaScript, Java, C#
Operating Systems:	Linux, Windows, macOS
Web Technologies:	HTML5, CSS, AJAX, JSON, JavaScript, REST API
Framework:	Django, Open Edge ABL, Bootstrap, Yii2, Node.js
Database Systems:	PostgreSQL, MySQL, MongoDB, MSSQL, Oracle
Software Application:	Microsoft Office 365, Adobe XD, Photoshop
Others:	Agile, Jira, Jenkins, Git, DBeaver, Progress OpenEdge, Cloud, Postman, Docker, Kubernetes, Flutter, Selenium

## EDUCATION

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<b>Mobile Solutions Development - Post Graduate</b>	2021 - 2022
Conestoga College, Waterloo	

<b>Computer Engineering - Bachelor of Engineering</b>	2017
Purbanchal University, Nepal	

## RELATED EXPERIENCE

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<b>Software Engineer II</b>	October 2020 – August 2021
Cotiviti, Kathmandu, Nepal	

- Developed new data insights from NI-Engine, an engine designed for health care data analysis using Django framework and JavaScript in RESTful API
- Managed and worked on Bridge, automated software for generating necessary tables in PostgreSQL using Python and React JS with the R&D team and DevOps team
- Optimization of software using efficient algorithms and conducted unit testing using unit test

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## Junior Software Engineer

Javra Software, Lalitpur, Nepal

March 2019 – September 2020

- Worked on quoting system using Progress Open Edge, which allows users to place quotes for the world's largest independent aerospace part distributor
- Researched and introduced CI/CD pipelines and methodologies that improved product deployment performance growth by 300% in a few weeks
- Fixed issues and implemented testing automation in Progress Open Edge

## Software Engineer Intern

Sarobartech, Lalitpur Nepal

November 2018 - February 2019

- Built a multi-user-based scalable, responsive content management system using Django's Rest Framework with proper documentation
- Developed a responsive web application using Python's Django framework and Postgres SQL

## ACADEMIC PROJECT

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### Cross-Platform Messaging Application, Conestoga College

July 2022

- Designed a messaging application using Flutter and Adonis JS to improve messaging functionality across various platforms
- Collaborated with teammates to develop a creative, intuitive layout of messaging using Flutter and messages using Web Socket
- Developed project using Test Driven Development and managed project development cycle using Agile methodologies and sprints

## PROFESSIONAL DEVELOPMENT & TRAINING

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AWS Essential Training for Developers

August 2022

Python Essential Training, LinkedIn Learning

June 2022

Python Data Structures, Coursera

August 2020

Continuous Delivery & DevOps, Coursera

June 2020

## ACHIEVEMENTS

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### Cotiviti Hackathon Winner

July 2020

- Awarded winner of Cotiviti internal Hackathon 2020 for the project to refactor and design a Machine Learning model from R to Python

### Locus AI Fellowship

December 2018

- Recipient of Locus AI Fellowship for Computer Science conducted by Institute of Engineering (IOE) to study Machine Learning

References are gladly provided on request.