

Gauransh Kumar

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EDUCATION

University of Montreal <i>Software Engineering(NLP)/M.Sc.</i>	Pursuing <i>GPA:3.9</i>
Maharaja Agrasen Institute Of Technology <i>Computer Science and Engineering/B.Tech.</i>	2020-2023 <i>CGPA:9.0</i>
Ambedkar Institute Of Technology <i>Computer Engineering/Diploma</i>	2017-2020 <i>83.46%</i>

WORK EXPERIENCE

Datazip <i>DevOps Intern</i>	Bangalore, India <i>Dec 2022 – Jun 2023</i>
<ul style="list-style-type: none">Experienced in AWS cloud management and optimization, skilled in Amazon EKS, Terraform, EC2, and Kubernetes.Implemented Kubernetes ingress strategies, reducing infrastructure costs by 20% by removing redundant Load Balancers.Collaboratively enhanced system efficiency, accessibility, and uptimes by analyzing logs from both systems.Managed and enhanced AWS systems to meet organizational needs, ensuring scalability, high availability, and fault tolerance.Utilized the Leveraged SDK to incorporate various AWS services into applications.	
University of Montreal <i>Mitacs Globalink Research Intern '22</i>	Montreal, CA <i>Jul 2022 – Oct 2022</i>
<ul style="list-style-type: none">Collaborated with Professor Eugene Syriani on the ReLiS academic project, which aims to assist in Systematic Literature Reviews for software-related research.The deployment structure was improved by implementing Microservices, resulting in increased scalability and agility.Numerous software bugs were resolved, user feedback was addressed, and minor project improvements were implemented.The Bibler Webservice component was improved by replacing the WSGI server technology with ASGI, significantly reducing the codebase by up to 90%.ReLiS has been successfully deployed on a production server using microservices, enhancing client performance and integration with existing systems.	
AICrowd <i>Technical Staff Intern</i>	Remote (Switzerland) <i>Nov 2021 – May 2022</i>
<ul style="list-style-type: none">Specifically aimed at enhancing the user experience in dealing with submissions for debugging from within the platform.Contributed to the manual testing and feedback stage of new features that would be integrated into the AICrowd platform, ensuring smooth operation and user satisfaction.Wrote and developed neatly written code of a good standard, used in different aspects of the AICrowd software architecture.Proven ability to detect and report essential issues in the operation of AICrowd software, thus providing individuals with a reliable and secure environment.	

Publications

Screening articles for systematic reviews with ChatGPT <i>Journal of Computer Languages</i> https://doi.org/10.1016/j.cola.2024.101287	2024
Assessing the Ability of ChatGPT to Screen Articles for Systematic Reviews <i>arXiv preprint</i> https://doi.org/10.48550/arXiv.2307.06464	2023

PROJECTS

PromptSLR

July 2024

Python, Prism, Prompt Engineering

<https://github.com/geodes-sms/PromptSLR>

- A tool to conduct and analyze experiments related to Prompt Engineering for Systematic Literature Review.

Chithi

Oct 2021

Python, Streamlit

github.com/gauranshkumar/chithi

- A Comprehensive Solution for Streamlining Bulk Email Communication
- Utilized functionalities such as recipient selection through Excel, CSV, and TSV files and the Markdown HTML-compatible Rich Editor with real-time Preview.

Butterfly

June 2021

Flutter, Android Studio

github.com/gauranshkumar/butterfly

- A Flutter App to help people deal with Mental Health Issues.

TECHNICAL SKILLS & CERTIFICATIONS

Languages: Python, C, C++, Java, Dart, HTML/CSS/JS

Developer Tools: VS Code, Vim, Git, Conda, Kubectl, SSH

Technologies/Frameworks: Kubernetes, DevOps, GitHub, Docker, Terraform, AWS, GNU Command line, Google Cloud, Azure, Data Science, Machine Learning, Natural Language Processing, Llama.cpp.

Certifications:

- [Certified Kubernetes Application Developer \(CKAD\)](#)
- [IBM Python Data Science Professional Certificate](#)
- [Google Cloud Certified Cloud Digital Leader](#)
- [SQL for Data Science](#)
- Flutter Introduction
- Data Structures And Algorithms

LEADERSHIP/EXTRACURRICULAR ACHIEVEMENTS

- Selected as a delegate for **Harvard's HPAIR** Conference, representing over 300 applicants worldwide.
- Distinguished **Mitacs Globalink Research Intern** at the University of Montreal, Canada (2022), chosen among thousands of global applicants for a 3-month full-time internship.
- Recipient of the **Linux Foundation Scholarship** twice (2020 and 2022), awarded among 500 students worldwide.
- Designated as a **Google Cloud Facilitator** for the Google Developers Student Club (GDSC) at MAIT in 2022.
- Former DevOps Lead at GDSC MAIT.
- Contributed to various international conferences as a volunteer, including ICDAM, DoSCI, and ICICC.
- Emerged victorious in the Hack The Solution Hackathon, competing against 117+ teams and over 500 participants.
- Obtained second runner-up position in the Code Innovation Series Hackathon, facing off against 50+ teams.
- Served as sponsorship and HR lead at Cod{ON}fest'21 by Skillship Foundation