

Varun Chauhan

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Summary

Software Engineer with 4+ years of experience and a proven track record of making significant, specific, and self-direction contributions to challenging and complex projects

Skills

- **Languages:** Java, Python, JavaScript, GO, C, C++, HTML5, CSS
- **Frameworks and Tools:** Flask, Spring Boot, React.js, Node.js, Express.js
- **Cloud Platforms:** Amazon Web Services (AWS), GCP, Microsoft Azure, IBM Cloud
- **Containerization and Orchestration Technologies:** Docker, Kubernetes
- **Testing:** Junit, Jest

Experience

Software Engineer IBM *Toronto, Canada* **05/2021 - Current**

- Led the development of multiple **REST APIs** on IBM Cloud Platform which increased the uptime of **Kubernetes** pod election by **20%**.
- Developed microservices to backup **MongoDB database** to mimic recycle bin process using **Javascript, NodeJS, MongoDB, Kubernetes** that backups millions of data during clean up process.
- Collaborated with cross-functional teams including the security team, **DevOps** engineers, and product managers to develop, and deploy end-to-end solutions in the cloud.
- Configure, maintain and optimize **Kubernetes** clusters to ensure **reliability, scalability**, and high availability of containerized applications.
- Ensured high availability and performance of the application with a **99.9%** uptime.
- Implemented automated **Kubernetes** scale-down, reducing manual workload and increasing **efficiency** by **50%**.
- Enhanced **E2E test** by structuring logs to debug the problems in a better which helped in logging of services.
- Followed security best practices and compliance standards to protect sensitive data and ensure regulatory compliance.
- Managed **PostgreSQL** database instances for multiple teams and developed **monitoring system** to detect vulnerabilities.

Software Engineer WanBuffer *Vadodara, India* **05/2018 - 05/2019**

- Lead development of dynamic and responsive web application using **React, Nodejs, Postgres, MongoDB**.
- Leveraged the cutting-edge **MERN** stack framework to develop visualization dashboard for a client which increased the sales by **40%**.
- Led successful migration initiatives, transforming legacy Java applications into efficient and scalable Node.js solutions increasing efficiency by **30%**.
- Developed a visualization web app with MEAN stack, applying CI/CD and design principles, enhancing query optimization by **15%**.
- Provided proactive maintenance and support, ensuring the continued functionality and performance of existing web applications and software solutions.
- Developed applications as per client requirements on **Java, Spring Boot, Angular, and MongoDB** to deliver robust and scalable solutions.

Education

Masters of Applied Computer Science Dalhousie University *Halifax, NS, Canada* **08/2019 - 04/2021**

Projects

- **GFT:** Designed and developed a group formation tool to implement SOLID and OOPs concept using **Java, Spring Boot, CI/CD**. (04/2020).
- **MOVIE TIME:** Designed and developed a React and Nodejs based application using Nodejs, React, MongoDB. (04/2020)
- **LMS:** Developed a multi-cloud serverless learning management system using **AWS, GCP, Vue.js, AWS LAMBDA**. (05/2020)

Others

- IBM | Containers & Kubernetes Essentials
- IBM | Security and Privacy by Design Foundations
- IBM | IBM Cloud Essentials