

Kirtik Bahrani

bahranikritik@gmail.com

PROFILE

Engineering graduate with a passion for cloud computing and new technologies

EDUCATION

Sep 2018 — Dec 2022	Bachelor of Applied Science (Mechanical Engineering), University of British Columbia	Kelowna, BC, Canada
Aug 2016 — Jun 2018	IB Diploma, Tanglin Trust School	Singapore

CERTIFICATION

Microsoft Azure AI Engineer Associate – AI102	Microsoft Azure Fundamentals – AZ900
AWS Certified Solutions Architect – Associate	AWS Certified Cloud Practitioner

SKILLS

Software: Amazon Web Services (AWS), Ansible, C++, Docker, Google Applications, Grafana, JavaScript, Jenkins, Kubernetes, Linux, MATLAB, Microsoft Azure, Microsoft Office, Python, Prometheus, YAML

WORK EXPERIENCE

Simplified IT Solutions – ICT DevOps Intern (May 2022 – Aug 2022) Mumbai, India

- Assisted senior DevOps engineers in implementing and maintaining cloud environments using tools such as IAM to manage job roles and identities and Jenkins to create CI/CD pipelines for application build, tests, and release.
 - Testing and optimization of applications on the Linux platform for scripting and release automation.
 - Created docker images and ansible playbooks for automated product release and used Grafana and Prometheus as monitoring tools to ensure that metrics for the microservices were in order.
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PROJECTS

Personal Website hosted on AWS (www.kritb.com)

- Successfully completed all the requirements of the cloud resume challenge.
- Developed an online cloud-based interactive website that can be accessed at www.kritb.com.
- Used multiple serverless AWS services such as AWS lambda, DynamoDB, and many more to host a static webpage with webpage metrics like counter, traffic tracking etc.

Capstone Project: Automating quality assurance control

- Working on coding and implementing a supervised learning artificial intelligence program.
 - The program visually inspects the products in the processing line and determines whether the product is damaged or defective.
 - Then, the product is separated from the product line using actuators and different conveyor belts.
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OTHER WORK EXPERIENCE

Jun 2021 — Sep 2021	Store Standards Associate, Walmart Canada	Kelowna, BC, Canada
	In charge of inventory management Suggested changes in the warehouse which would allow for better flow for pick-up orders	
Sep 2021 — Dec 2021	Warehouse Associate, Canadian Tire	Kelowna, BC, Canada
	In charge of managing the tire warehouse at Canadian tire in Kelowna Worked with a team of mechanics and re-arranged the warehouse to make the overall flow of the system more efficient.	

VOLUNTEER WORK

Taught English, ICT and STEM to Children in Cambodia

Led a group of peers and conducted classes in public schools in Cambodia under the organization CFC (caring for Cambodia)

Orchestrated projects for children to have fun with science experiments.
