





# AMBEKA DESHMUKH

 Kitchener, Ontario.  
 [hello@iambeka.com](mailto:hello@iambeka.com)  
 [www.iambeka.com](http://www.iambeka.com)

 [LinkedIn](#)  
 [GitHub](#)

## IT Forte

---

**Cloud & Infrastructure:** AWS, Microsoft Azure, GCP, Terraform, Linux

**DevOps & Automation:** Docker, Kubernetes, Ansible, Jenkins, ArgoCD, Git, GitHub, Harbor

**Data Management & Analytics:** Snowflake, MySQL, Apache Superset, Sigma

**Security & Identity Management:** Wazuh, Teleport, OpenVPN, Passbolt, Trivy, KeyCloak, MFA, SSO

**Monitoring & Observability:** Prometheus, Grafana, ELK Stack, SonarQube

**Web & API:** Nginx, Postman, Traefik

**Programming:** Python, Shell Scripting

**Collaboration & Project Management:** Atlassian Confluence, Jira Service Management

**Backup & Recovery:** Bacula, Velero

## Education

---

**Graduate Certificate in Virtualization & Cloud Computing [Jan 2024- Aug 2024 ]**

*Conestoga College, Waterloo, Ontario*

**Bachelor of Commerce with Computer Applications [June 2002 - April 2005]**

*Madurai Kamaraj University, India.*

## Certifications

---

**Certified Python Developer**

MSME, Chennai - Apr 2023

**Certified in Azure Administration [AZ-104]**

MSME, Chennai - Dec 2022

**Certified in AWS Security & Compliance**

MSME, Chennai - Dec 2021

**Certified Ethical Hacker**

MSME, Chennai - Dec 2021

**Certified Digital Marketer**

Koenig-Solutions - Nov 2020

## Profile

---

DevOps Engineer with 2 years of hands-on experience in AWS cloud infrastructure, CI/CD pipelines, and automation. Proven track record of optimizing mission-critical deployments, improving operational efficiency, and reducing costs. Skilled in leveraging open-source technologies and DevOps tools to streamline development and operational processes. Successfully transitioned from hospitality and marketing to tech, applying analytical, operational, and customer-centric skills to excel in DevOps environments.

## Work Experience

---

### DevOps Engineer

*April 2022 - Present*

*RightRev Inc, Roseville, CA.*

- Enhanced application performance and reduced costs by implementing and managing containerized environments with Kubernetes on Amazon EKS, deploying microservices, implementing auto-scaling solutions, and strengthening security through sealed secrets, resulting in improved scalability, resource optimization, and reduced vulnerabilities.
- Streamlined development and deployment processes using a variety of DevOps tools:
  - Managed continuous integration and delivery pipelines with Jenkins
  - Orchestrated application deployments using ArgoCD
  - Monitored system health and performance with Grafana and Prometheus
  - Utilized SonarQube for code quality assurance
- Implemented IAM solutions across all services, resulting in reduction in unauthorized access incidents by collaborating with cross-functional teams to ensure consistent and secure access control.
- Resolved over 180 incidents and tickets, improving operational efficiency through effective incident and problem response processes.
- Collaborated with various IT groups, including Architects, Developers, and Product Managers, demonstrating strong communication and teamwork skills.
- Executed end-to-end Agile processes, serving as Scrum Master for 35 sprints for the DevOps team, enhancing project delivery timelines.
- Managed Wazuh as the primary endpoint security tool, forwarding logs to detect and report security events, strengthening the organization's security posture.
- Utilized Snowflake's cloud-based data warehousing platform, managing access, applying patches, setting up environments, and configuring DataShare functionality, improving data management efficiency.
- Monitored and maintained Sigma deployments, gathering requirements from stakeholders and translating them into actionable insights through Sigma dashboards, driving data-driven decision-making.
- Contributed to two of the SOC 2 audit processes, collaborating with audit firms to assess and strengthen security controls, compliance posture, and documentation, achieving a successful audit outcome.
- Implemented Slack API integrations to connect DevOps tools, enabling automated notifications and alerts, improving response times.
- Developed and maintained CI/CD pipelines using Jenkins, reducing deployment times and improving release quality.
- Automated repetitive tasks in Jira with custom scripts, improving workflow efficiency and reducing manual effort.
- Integrated Jenkins with various DevOps tools and platforms, ensuring seamless and automated end-to-end workflows.
- Scripted custom automation solutions using Python and Shell Scripting, streamlining and optimizing operational processes.
- Demonstrated ability to thrive in dynamic, deadline-driven environments with a collaborative, communicative approach and strong analytical skills.

## Projects

---

### **AI-Powered Infrastructure as Code (IaC) Generator** | Personal Project - [Github](#)

This Python-based tool uses natural language processing techniques to generate Terraform code from user-provided descriptions of desired infrastructure.

### **PantryPal- A GenAI-Serverless-App** | Personal Project - [Github](#)

Using AWS Amplify to build a serverless web application powered by Generative AI using AI/ML: Amazon Bedrock, Amazon Rekognition, Amazon Lex, Amazon Personalize and the Claude 3 Sonnet foundation model.

### **ATLAS: Automated Threat Learning & Analysis System** | Personal Project-[Github](#)

A comprehensive DevOps project integrating Wazuh, cloud-native tools, and machine learning for advanced security monitoring and automated incident response.

### **Rècupè - Automated Backup and Disaster Recovery Solution** | Personal Project-[Github](#)

This project implements an automated backup and disaster recovery solution for a critical application using Bacula, Velero, AWS, and Terraform.

## Previous Work Experiences

---

**Digital Marketing Analyst** - RightRev Inc, Roseville, CA.

**Jan 2021 - Mar 2022**

**Manager** - Hotel Operations & Marketing, The Metroplace Hotels, Chennai.

**Nov 2017 - Dec 2020**

**Marketing Manager**- The Metroplace Hotels(Formerly Asiana Place), Chennai.

**Nov 2015 - Feb 2017**

**Assistant Manager** -Operations, The Star Residency, Madurai

**Jan 2013 - Apr 2015**

**Entrepreneur** , 50 Bucks Restaurant, Chennai

**Mar 2010 - Aug 2012**