# DIRGHAYU JOSHI (Pref. Joshi)

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## SUMMARY

- AWS Certified Developer Associate with 2 years of professional full-stack experience and a 5-year coding background.
- Active Contributor who authors and publishes technical articles.
- Core professional values: Diligence, Accountability, and Inquisitiveness.

## EXPERIENCE

**Full Stack Developer**                                                      July 2023 - December 2024
**Renuka Softtec, Bangalore, India**

- Migrated an on-premise ERP to a cloud-native SaaS model on AWS , boosting uptime to 99.9% and cutting infrastructure costs by 25%.
- Migrated the on-premise MySQL database to a high-availability AWS RDS instance , reducing query response times by 40% through performance optimization.
- Containerized the ERP backend with Docker and deployed it on AWS Kubernetes (EKS) , enabling autoscaling to eliminate bottlenecks and manual server maintenance.

**Customer Service Representative**                                      February 2024 - current
**Legoland Discovery Center, Toronto, Ontario**

- Achieved a top 3 performance ranking (out of 40 staff) by maintaining over 95% efficiency in operational tasks, proactively enhancing the guest experience during high-traffic periods.
- Delivered exceptional service in a high-volume environment with over 1,000 daily visitors, demonstrating strong organizational skills.
- Demonstrated accountability and initiative by consistently completing all assigned responsibilities ahead of schedule, utilizing the extra time to support team members and improve overall attraction performance.

## PROJECTS

**Website Builder**                                      | **Try for Yourself** | September, 2025 |

- Engineered a multi-agent AI system that translates natural language prompts into production-ready Next.js code with 95% accuracy, utilizing both OpenAI GPT-4 and Google Gemini.
- Implemented a secure E2B sandboxed environment for real-time code execution, providing users with instant previews and interactive testing of AI-generated applications.

**CRM System for A-Z Moving**                                      | **Case Study** | July, 2025 |

- Developed a custom CRM tailored to client workflows, cutting annual software licensing costs by over 60% as a cost-effective alternative to Salesforce.
- Revamped reporting dashboards with optimized data queries, decreasing the time to generate key business reports by 90% (e.g., from 2 hours to 10 minutes).

## EDUCATION

**Seneca Polytechnic**                                                      Toronto, ON
**Graduate Certificate in Database Applications and Cloud Computing**        January 2024 - September 2025

- Overall GPA: 4.0/4.0; President's Honour List in all 4 terms.
- Relevant Coursework: SQL, Data Security, Database Management & Administration, Cloud Administration, Cloud Security, Cloud Automation, Data Storage and Management in Cloud, Hybrid Cloud Model

**Bangalore City University**                                                      Bangalore, India
**Bachelor's in Computer Application**                                      June 2020 - July 2023

- Cumulative GPA: 8/10
- Relevant Coursework: Linux OS, Computer Network, Data Structures & Algorithmic, Web Development, Software Development Life Cycle and Engineering

## SKILLS and TOOLS

- **Project Management/Collaboration Tool:** Atlassian Jira (Agile), Github Projects
- **MS Office Suite:** Word, Excel, Outlook, PowerPoint and PowerBI.
- **Operating System:** Linux, MacOS, Windows
- **Programming Languages:** Javascript, Typescript, Python, Java, C and Bash
- **Testing:** Unit Testing using Jest
- **GenAI/LLM Tooling**: LangChain, LangGraph *(in progress)*, Inngest
- **Web Technologies:** Node, React, Next, Nest, Express, Material UI, Tailwind CSS
- **Database Systems & Core Computer Science:** Oracle SQL, Microsoft SQL Server, MongoDB, Data Structures, Design Patterns, Clean Code, REST APIs, Algorithms
- **Cloud/Devops Technologies:** Lambda, Azure Functions, S3, DynamoDB, Cognito, API Gateway, CloudFormation, Docker, Kubernetes, Terraform, Github Action