# Akanksha Singh

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# Projects

**Mountivale – Tourism Website****Nov 2024 - Dec 2024**

* Designed and developed a responsive tourism website, **Mountivale**, featuring destination guides, booking functionality, and user-friendly navigation.
* Hosted the website on GitHub Pages, ensuring accessibility and seamless online deployment.
* Created a CI/CD pipeline in **VS Code** to automate the deployment process and streamline updates.
* **Tech Stack**: HTML, CSS, JavaScript, Bootstrap, Git, GitHub Pages
* GitHub Repository Link: <https://github.com/Aaakanksha30/Aaakanksha30.git>

**Bank Management System****Jun 2024 - Jul 2024**

* Developed a comprehensive **Bank Management System** in **Java**, incorporating features like account creation, transaction handling, and database integration.
* Focused on secure data management and implemented modular coding practices to ensure scalability.
* **Tech Stack**: Java, MySQL, HTML, CSS
* **Impact**: Demonstrated strong problem-solving skills by creating a functional banking application capable of handling real-world scenarios.
* GitHub Repository Link: <https://github.com/Aaakanksha30/banking-Management-System-using-Java.git>

# Certificates

**Microsoft Certified February 2023**

*Azure Fundamentals —* [*https://www.linkedin.com/learning/certificates/07821ec56c4e3752ca0124affe2e2d52011753e5381689ac9f811b37c8d96985*](https://www.linkedin.com/learning/certificates/07821ec56c4e3752ca0124affe2e2d52011753e5381689ac9f811b37c8d96985)

**Cloud Engineering February 2023**

*Understanding Cloud Fundamentals —* [*https://www.linkedin.com/learning/certificates/4dd6f2b09b8ebf5297ed6816c107f9d858fa182c8a6308d6bb72c59aa9e7b44b*](https://www.linkedin.com/learning/certificates/4dd6f2b09b8ebf5297ed6816c107f9d858fa182c8a6308d6bb72c59aa9e7b44b)

# Technical Skills

**Languages Python, Go, Bash, JavaScript**

**Cloud Platforms**: AWS (EC2, S3, Lambda, CloudFormation), Azure, Google Cloud Platform (GCP)

**DevOps Tools**: Docker, Kubernetes, Jenkins, Terraform, Ansible, Git, GitHub/GitLab

**Monitoring**: Prometheus, Grafana, ELK Stack

**CI/CD**: Jenkins, GitLab CI/CD, GitHub Actions

**Containerization & Orchestration**: Docker, Kubernetes

**Version Control**: Git, Bitbucket

**Scripting**: Bash, Python

**Other Skills**: Infrastructure as Code (IaC), Automation, Problem-Solving, Cloud Cost Optimization

# Education

**Lovely Professional University Punjab** **2022 – 2026**

*Computer Science and Engineering — CGPA: 6.00 Jalandhar, Punjab*

**Kishori Sinha Mahila College** **2020 – 2022**

*12th with Science — Percentage: 70% Aurangabad, Bihar*

**Bl indo Anglian public school** **2019 – 2020**

*10th with Science — Percentage: 78% Aurangabad, Bihar*