# CHIRAG MAHIDA

📞 +91 6353451227  ✉ chiragmahida26@gmail.com  in Chirag Mahida  🌐 chiragmahida.me

## EDUCATION

**M.Sc. (IT)**                                                                                                     **07/2021-05/2023**
*Babu Madhav Institute of Information Technology, UTU*                                          *Bardoli, Gujarat*

## SKILLS

| | | | |
|---|---|---|---|
| **Operating Systems:** | Linux, Windows | **Cloud Platforms:** | AWS, Azure |
| **Containerization:** | Docker | **CI/CD:** | Jenkins, GitLab CI |
| **Scripting:** | Python, Bash | **Languages:** | NodeJs (JavaScript), GoLang |
| **Databases:** | MSSQL, MongoDB, ElasticSearch, Firebase | **Version Control:** | Git |
| **Collaboration Tools:** | Jira | | |

## EMPLOYMENT

**DBA + DevOps Engineer**                                                                                    **03/2023-present**
*SCIKEY, SRKay Consulting Group Pvt. Ltd.*                                                            *Surat, Gujarat*
- **Orchestrated** the management and optimization of **critical** database systems, ensuring **seamless** performance and maintaining **data integrity** as a Database Administrator.
- Pioneered the implementation of a **robust** CI/CD pipeline, resulting in a **remarkable 30% reduction** in deployment time, enhancing overall development efficiency.
- Introduced **advanced monitoring solutions** that led to a **20% decrease** in system downtime, emphasizing proactive problem resolution and system stability.
- Conducted **comprehensive security audits** and upheld a **secure, compliant infrastructure** as a DevOps Engineer, implementing measures to safeguard against potential threats.
- Contributed to the **successful migration** of on-premises applications to the cloud, achieving **improved scalability** and ensuring future-ready infrastructure.

**Apprentice Trainee**                                                                                             **09/2022-03/2023**
*SCIKEY, SRKay Consulting Group Pvt. Ltd.*                                                            *Surat, Gujarat*
- Led design and development of critical NodeJS modules (authentication, cache, configuration, encryption) for three successful projects.
- Started with MS-SQL, gaining hands-on experience in database management, complex queries, and performance optimization.
- Transitioned to the DBA+DevOps role, mastering tools like Jenkins, SonarQube, GitLab, and Docker to automate workflows and improve code quality.
- Streamlined CI/CD pipelines, ensuring faster and seamless application deployment across environments.
- Collaborated cross-functionally to optimize deployment processes and reduce transition times from development to production.

## PROJECTS

**Automated CI/CD for Electron Project** | *Technologies: Electron, GitLab CI/CD*
* Set up automated CI/CD pipelines for an Electron project on GitLab to streamline the build and deployment process.
* Implemented an auto-update feature for the desktop application, ensuring users have the latest version seamlessly.
* Utilized Electron framework for cross-platform desktop app development, integrating version control with GitLab.
* For detailed implementation steps, refer to my blog: **Set up Automated CI/CD for an Electron Project using GitLab**.

**AWS Expense Tracker** | *Technologies: AWS DynamoDB, AWS Lambda, AWS API Gateway*
* Created an expense-tracking application using serverless architecture on AWS.
* Designed and implemented a scalable backend using AWS DynamoDB for data storage.
* Utilized AWS Lambda for serverless processing and AWS API Gateway for secure data retrieval.

**Personal Portfolio Website: chiragmahida.me** | *Technologies: HTML, CSS, JavaScript, Azure Static Web Apps, GitHub CI/CD*
* Designed and developed a personal portfolio website to showcase skills, projects, and professional information.
* Deployed the project using Azure Static Web Apps, leveraging free hosting for projects under 250MB.
* Integrated GitHub CI/CD pipelines to automatically update the live website whenever changes are pushed to the repository.
* Ensured cross-browser compatibility and responsive design for optimal user experience across devices.
* For detailed implementation steps, refer to my blog: **Setting up Automated CI/CD for Azure Static Web Apps**.

## Extracurricular Activities

**Idea Hunt UTU**
*Member of Winner Team*                                                            *State-level Student Start-up & Innovation Policy*
* Contributed to the team's victory by presenting a compelling innovative idea, showcasing creativity and problem-solving skills.

**35th West Zone UTU Fest**
*Accommodation Coordinator*                                                                                         *UTU, Bardoli*
* Successfully managed accommodation logistics for participants, coordinating with teams across multiple colleges.
* Demonstrated strong organizational and communication skills, ensuring smooth event execution.