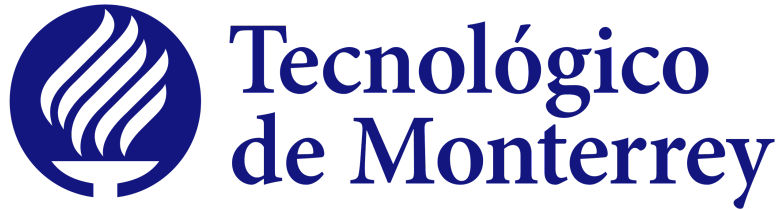


Campus Santa Fe



Planeación de sistemas de software
Gpo, 101

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Definicion de tech stack

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Full premium route

Front End

- UI/UX
 - Figma - Prototype, design, and wireframing
- Web Interface
 - React - Component-based web app
 - Tailwind CSS - Responsive web design

Back End

- API Gateways
 - FastAPI - Python framework for developing REST API gateways
 - Django* - Full fledged framework for building web applications
 - Express* - Easy integration with JS frameworks
- Database
 - MySQL - Relational database
 - AWS DynamoDB - Fast scalable non-relational DB
- Storage
 - AWS S3 Bucket
- Authentication
 - AWS Cognito - User credentials manager
- Search
 - Amazon CloudSearch - Search engine solution for websites/applications

MLOps

- NLP
 - Amazon Comprehend - Analyze and reach conclusions from unstructured data
- Computer Vision
 - Amazon Rekognition - Extract information from documents and ID's

DevOps

- Server
 - AWS App Runner - Runs containerized apps at scale
- Containers
 - Kubernetes
- CI/CD
 - Jenkins
- Version Control
 - Git & GitHub

Middle Money

Front End

- UI/UX

- Figma - Prototype, design, and wireframing
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Back End

- API Gateways
 - FastAPI - Python framework for developing REST API gateways
 - Django* - Full fledged framework for building web applications
 - Express* - Easy integration with JS frameworks
- Database
 - MySQL - Relational database
 - MongoDB - Non-relational DB
- Storage
 - Firebase Storage
- Authentication
 - Firebase - Google free cloud tiers
- Search

MLOps

- NLP
 - TensorFlow, PyTorch
- Computer Vision
 - OpenCV
 - Verificamex
 - INEAPI

DevOps

- Server
 - DigitalOcean App Platform
- Containers
 - Docker
- CI/CD
 - Jenkins
- Version Control
 - Git & GitHub

Poor

Front End

- UI/UX
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- Web Interface

- React - Component-based web app
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Back End

- API Gateways
 - FastAPI - Python framework for developing REST API gateways
 - Django* - Full fledged framework for building web applications
 - Express* - Easy integration with JS frameworks
- Database
 - Supabase PostgreSQL
- Storage
 - Supabase Storage
- Authentication
 - Supabase
- Search
 - Apache Solr

MLOps

- NLP
 - NLTK, spaCy, scikit-learn, TensorFlow
- Computer Vision
 - OpenCV
 - Verifcamex
 - INEAPI

DevOps

- Server
 - DigitalOcean App Platform
- Containers
 - Docker
- CI/CD
 - Jenkins
- Version Control
 - Git & GitHub