Paul Alejandro Ochoa Meza-Junior Systems Engineer

(Tepic, Nayarit) | [LinkedIn](#)| [GitHub](#)
paalochoame@ittepic.edu.mx | +52 311 148 3470 | [Personal-Site](#)

Education

Computer Systems Engineering - Instituto tecnológico de Tepic (2019-2024)
Harmon Hall Adult program **-** Completed | Proficiency in English C1

Work Experience

Tepic hotels and motels association (Tepic,Nayarit), Software Engineer (January 2023 - June 2023)
- Developed of a custom web application to evaluate the NOM-035(Mexican labor standard) for more than 10 hotels.
- Developed backend functionalities and database modeling.
- Deployed the first version on Digital Ocean and recieve positive feedback from secretary of labor.
- Key technologies**: JavaScript,NodeJs,Express,HandleBars,MySQL,Git,Github,Digital Ocean.**

Ingeniería y Proyectos Imperio (Tepic,Nayarit),Software Engineer (January 2024-July 2024)
- Developed a robust inventory management system(1500 items) with Angular, TypeScript, and Firebase.
- Designed scalable data architecture in Firebase:Structured Firestore collections with optimized queries,implemented secure rules and authentication flows.
- Automated deployment pipelines with GitHub Actions that reduced deployment time in a 30%.
- Key technologies**: Angular, Typescript, Firebase, GitHub, Bootstrap, Github Actions,Cypress**

Bellavista Mountain Bike (Enterprenuer)(Tepic,Nay)- Retail & Web Developer (January 2020-March 2025)
- Managed sales, marketing & social media for an small bike shop.
- Built an MVP of an e-commerce website,and a Java Desktop app for asset management.
- Achieved over 1.4k followers in social media and increased sales through digital strategies.
- Key technologies: **HTML,Javascript, Firebase,Git y GitHub, Bootstrap,Github Actions,Java NetBeans**

Epam Systems(Guadalajara,Jalisco) - Junior Systems Engineer(March 2025- June 2025)
- Implement Gitea hosting infraestructure on AWS.Created a CloudFormation template to provisioned all the required infraestructure such as IAM policies,security groups,EC2 instances,Virtual private clouds,routing tables,internet gateway,database services such as RDS.
- Worked on the creation of internal Python APIs and implemented unit testing using Pytest and Github actions pipelines.
- Developed strong fundations on SRE and Engenineering of excellence culture and best practices.
- Configured a jenkins Agent to built a python app and automatically deploy in AWS S3 bucket.

Education & Projects

Devops Bootcamp | Epam Systems November 2024- Febraury 2025
- Deployed a fullstack Python application following best practices.
- Worked Kubernetes deployments and services for a 3-tier application architecture.
- Implemented Kubernetes secrets, ConfigMaps, and probes for health and readiness checks.
- Added monitoring using tools such as Prometheus and grafana.
- Key technologies: **MongoDB, Docker, Networking, Kubernetes, Linux,Python,GitLab,NGINX,Flask,Kustomize,Prometheus.**

Certifications and Achievements

- Computer systems engineering olympiad winner(InstitutoTecnológico de Tepic)-2023
- AWS Cloud Practitioner (TIDWIT LATAM & AWS).
- Github foundations Certificate(Github associate program)
- CNNA-Introduction to networks(Cisco networking)
- Data science Diploma Course(TecNM)