

# Erick Urias

## Software Engineer

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### CAREER SUMMARY

With **over 6 years of Python expertise** and proficiency in JavaScript and TypeScript, this Software Engineer has **excelled in diverse roles**, ranging from Full-stack development to **leadership** positions within Agile teams.

**Skilled in AWS** and experienced in implementing MVC and Service-Oriented Architectures, he possesses special expertise in **risk assessment** and **translating innovative ideas into technology solutions**. Prioritizing collective success, he aims to make a positive impact by **fostering growth and collaboration**. Ready to create amazing solutions together.

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### SKILLS AND STRENGTHS

**Python** | Javascript | PHP | MVC | Domain Driven Design | Test Driven Design | **Service Oriented Architecture** | Micro-services | **RESTful API** | SQL | MySQL | **PostgreSQL** | MongoDB | Elasticsearch | **FastAPI** | NextJS | Express | React | Bootstrap | Tailwind | Pandas | Seaborn | Wordpress | HTML5 | CSS3 | JWT | OAuth

VSCode | Postman | Swagger | npm | Chrome Console | **Docker** | EC2 | **Lambdas** | ECS | API Gateway | Elastic Beanstalk | S3 | Aurora | Cloudwatch | Grafana | **Git** | Github | Gitlab | **Scrum** | Kanban | Jira | Click Up | Effective Communicator | **Fast Learner** | Committed | Self-driven | Collaborative | Innovative | Passionate | Teamplayer

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### WORK HISTORY AND PROFESSIONAL ACCOMPLISHMENTS

As **Technical Lead** at **Stori (Fintech, Mexican Unicorn)**, Mexico City, (06/2022)-(12/2023):

- Designed and integrated a gamification system into the mobile application, **boosting credit card usage** and **enhancing user engagement** by 35%.
- Developed an automatic tracking engine for real-time verification of user eligibility for rewards and credit line increases, **reducing time and cost** for the previous manual process's time and cost by 67%.
- **Optimized website performance** and SEO, resulting in a 43% **increase in user bookings** and doubling the average new customer conversion rate from 1M to 2M within six months.
- Provided close monitoring and mentoring of teams, resulting in a 45% **improvement in productivity**.
- **Technologies used:** Python, Typescript, NextJS, Tailwind, AWS Lambda, Beanstalk, Aurora, Cloudwatch, ECS, S3, API Gateway, Docker, Postman, Github, Grafana, Scrum, Jira, Domain Driven Design, Clean Architectures, Unit Tests.

As **Backend Engineer** at **Dat's Why Geobehavioral Insights**, Mexico City, (09/2021)-(06/2022)

- **Enhanced service response** time by 5%, ensuring quicker and more efficient user support.
- Implemented a real-time log analysis platform, dramatically **increasing service visibility** and status monitoring, with immediate alerts for any failures.
- **Technologies used:** Python, FastAPI, AWS RDS, Cloudwatch, S3, JWT, OAuth, Docker, Postman, Swagger, Github, Grafana, Scrum, Jira, TDD, Unit Tests.

As **Fullstack Engineer** at **Effective Medical Practice**, Culiacan, Sinaloa, (01/2020)-(09/2021):

- Implemented a data analytics platform featuring interactive dashboards, **enabling real-time data-driven decision making** and **boosting productivity** by 200% compared to the previous manual process.
- **Technologies used:** Python, Javascript, NodeJS, Express, React, Pandas, Seaborn, MongoDB, Elasticsearch, Kibana, Gitlab Kanban, ClickUp, Service Oriented Architecture.

As **Web Developer / Professor** at **Autonomous University of Sinaloa**, Culiacan, Sinaloa, (01/2010)-(12/2019):

- Digitized and automated manual processes, **reducing** paper usage and **cutting costs** by 25%.
- Successfully created and managed institutional websites, **enhancing online presence** and operational efficiency.
- **Technologies used:** HTML5, CSS3, PHP, Javascript, Wordpress, MySQL, Bootstrap, MVC.

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## EDUCATION

- **Master Degree in Computer Sciences**, Graduation Year (2020), Davinci University, Mexico City
- **Diploma in Network Management**, Graduation Year (2016), Autonomous University of Sinaloa, Culiacan, Sinaloa
- **Diploma in Applied Statistics**, Graduation Year (2015), Autonomous University of Sinaloa, Culiacan, Sinaloa
- **Diploma in Web Development**, Graduation Year (2010), Autonomous University of Sinaloa, Culiacan, Sinaloa
- **Bachelor Degree in Computer Sciences**, Graduation Year (2009), Autonomous University of Sinaloa, Culiacan, Sinaloa

## LANGUAGES

- **English B2** Professional Proficiency
- **Spanish** Native Speaker