

ANDRÉS ALEXANDRO TAPIA

SUMMARY

Senior full stack web developer from Ecuador with **experience in languages and frameworks** like: JavaScript (React, Nextjs, Angular, Angularjs, Express, Nestjs), Python (Django, Flask, Tornado, Pandas, PySpark, Jinja2, MongoEngine), CSS (Bootstrap, Tailwind, Sass), C++, C#, Java, HTML, MQL4 – MQL5. **Designing and managing databases** in MongoDB, Redis, PostgreSQL, MySQL, Firebase RTD - Firestore. **Developing and creating cloud infrastructure** in AWS, Google Cloud, Azure, Heroku, Firebase, Netlify and Vercel. **Using paid and open-source technologies like** Git, Postman, Celery, RabbitMQ, Twilio, DialogFlow, Jira, Slack, HubSpot, Zapier, Hubstaff, Bitbucket, Confluence).

Current and previous personal projects: <https://kingsofbinary.com>, <https://devlocalhost.com>, <https://alexandrotapia.vercel.app>, co-author of a paper (main developer) "Pose Estimation Based on Monocular Visual Odometry and Lane Detection for Intelligent Vehicles". https://sci-hub.hkvisa.net/10.1007/978-3-319-95282-6_40.

EDUCATION

ESPE (Escuela Superior Politécnica del Ejército)

July - 2019

- Mechatronics Engineer (Best graduate)

TECHNICAL SKILLS AND LANGUAGES

- Programming languages: Javascript, Python, HTML, CSS, C#, C++, VBScript, Ladder (PLC), MQL4, MQL5, Java, MATLAB.
- Databases: MongoDB, Redis, MySQL, Firebase - Firestore, Firebase - Real time database.
- Frameworks: Django, Flask, Express, Nextjs, Angular, Angularjs
- DevOps: Linode, DigitalOcean, Nginx, Certbot, PM2, Docker, Terraform, Ionos, Freenom, Hostinger, Vagrant, Git, Github, Bitbucket.
- Other software used: Slack, Jira, HubSpot, Zapier, Hubstaff, Twilio.
- Spanish: Native, English: Fluent, German: Medium.
- Other skills: AutoCAD, SOLIDWORKS, Photoshop, Video Editing.

PROFESSIONAL EXPERIENCE

Ten Tech

Feb 2014 - Jul 2018

Software developer, specialist in mechatronics.

- Ladder
- C++
- C#
- Java
- MATLAB
- WordPress
- React - (Class based components)
- Python
- Pandas
- PySpark
- Data Science
- ETLs
- Data pipelines
- Git
- Github
- SQL (PostgreSQL)

ESPE

Sep 2018 – Dec 2018

Leader software developer of a team focused on the rehabilitation of kids with autism (Social robots).

- LabVIEW
- C++
- VBScript
- React - (Functional components)
- Material UI

Localhost (entrepreneurship)

Feb 2019 - Dec 2020

CEO and CTO of the company.

- Atlassian products (Jira, Confluence, Bitbucket)
- Agile methodologies (SCRUM, Kanban)
- Leadership
- Figma
- Illustrator
- CI / CD
- Terraform
- Software Architecture

Kings Of Binary

Jan 2020 - Mar 2021

Co-founder.

- Node.js
- Next.js
- Flask
- Firebase
- Linode
- Nginx
- Certbot
- Wordpress
- Terraform
- Azure
- MQL4 – MQL5
- Blockchain
- Solidity (Creation of CryptoCurrency)
- Payment gateways (Coinpayments, Hotmart, Stripe)

Devsu

Oct 2020 - Current

Full stack developer, specialist in Python and Node.js.

- AngularJS
- Angular
- Django
- Docker
- Celery
- CI/CD
- Jenkins
- Grafana
- RabbitMQ
- AWS (IAM, EC2, ROUTE53, S3, RDS, SQS, SES, Lambda, SAM)
- Firebase (auth, real-time database, firestore, firebase hosting)
- Data Studio
- Twilio and products (close contact with the company, projects and feature requests)
- Wordpress
- Stripe
- Solidity (creation of NFTs)

Past Freelancing Services

Apr 2017 - Apr 2019

Backend developer.

- Express
- Django
- NestJS
- SCRUM, Kanban
- Perl
- Nginx
- AWS
- Solidity
- MongoEngine
- Monorepo
- Turborepo

CONTACT INFORMATION:

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