

ANDRÉS ALEXANDRO TAPIA

SUMMARY

Full stack software developer from Ecuador and mechatronics engineer with experience in **languages and frameworks** like: JavaScript (React - NextJs, AngularJs, Angular, Express), Python (Flask, Django, Jinja), CSS (Bootstrap, Sass), C++, C#, Java, HTML, VBScript, MQL4 – MQL5, Ladder, LabVIEW, MATLAB. And **designing and managing databases** in MongoDB, Redis, MySQL, Firebase, and others. **Experience using and developing in Microsoft Azure, AWS, Google and other paid and Open-Source technologies** (Git, Postman, Celery, RabbitMQ, Netlify, Vercel, Twilio, DialogFlow, Jira, Slack, HubSpot, Zapier, Hubstaff, Bitbucket).

Current and previous personal projects: <https://kingsofbinary.com>, <https://devlocalhost.com>, <https://alexandrotapia.vercel.app>, co-author of a paper "Pose Estimation Based on Monocular Visual Odometry and Lane Detection for Intelligent Vehicles".
https://scihub.tw/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
- Data Science
- ETLs
- Data pipelines
- Git
- Github
- SQL (PostgreSQL)

ESPE

Sep 2018 - Dic 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 - Current

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 - Current

Co-founder, software architect and TechLead.

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

Devsu

Oct 2020 - Current

Sr. 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)
- Firebase (auth, real-time database, firestore, firebase hosting)
- Data Studio
- Twilio and products (close contact with the company, projects and feature requests)
- Wordpress
- Stripe

Freelancing - Other companies

Apr 2017 - Current

Backend developer, Software Architect.

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