

# ANDRÉS ALEXANDRO TAPIA

## SUMMARY

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Full stack software developer from Ecuador, best graduated Mechatronics engineer with experience in **languages and frameworks like** JavaScript (React - NextJs, AngularJs, Angular 9, Express, Handlebars), Python (Flask, Django, Jinja), CSS (Bootstrap, Sass), C++, C#, Java, HTML, VBScript, MQL4 – MQL5, Ladder, LabVIEW, MATLAB. And **designing, creating, and managing databases** in MongoDB, Redis, MySQL, Firebase - Firestore and Realtime database. **Experience using and developing in Microsoft, 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 projects: <https://kingsofbinary.com>, <https://clientchatlive.com>, <https://devlocalhost.com>, <https://devsu.com>, <https://alexandro.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](https://scihub.tw/10.1007/978-3-319-95282-6_40).

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## EDUCATION

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### ESPE (Escuela Superior Politécnica del Ejército)

July - 2019

- Best graduated Mechatronics Engineer

## TECHNICAL SKILLS AND LANGUAGES

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- Programming languages: Javascript, Python, HTML, CSS, C#, C++, Visual Basic, Ladder (PLC), MQL4, MQL5, Java, Matlab.
- Databases: MongoDB, Redis, MySQL, Firebase - Firestore, Firebase - Real time database.
- Frameworks: Django, Flask, Express. NextJs
- DevOps: Linode, DigitalOcean, Nginx, Certbot, PM2, Docker, Ionos, Freenom, Hostinger, Vagrant, Git, Github.
- Other software used: Slack, Jira, HubSpot, Zapier, Hubstaff, Twilio.
- Spanish: Native, English: Fluent.
- Other skills: CAD-CAM-CAE, AutoCAD,

## PROFESSIONAL EXPERIENCE

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**Ten Tech****Feb 2014 – Jul 2018**

Software developer, specialist in mechatronics.

- Ladder
- C++
- Java
- Python
- WordPress

**ESPE****Sep 2018 – Dec 2018**

Leader software developer of a team focused on the rehabilitation of kids with autism.

- LabVIEW
- C++
- C#
- Visual Basic

**Localhost (entrepreneurship)****Feb 2019 – Current**

CEO and developer of the company.

- PMP
- Leadership

**Kings of Binary****Mar 2020 – Current**

Full stack developer, specialist in Backend and DevOps.

- NodeJs
- Flask
- Firebase
- Linode
- Nginx
- Certbot
- Wordpress
- Redis
- MongoDB
- MQL4 – MQL5

**Devsu****Oct 2020- Current**

Full stack developer, specialist in Backend and DevOps.

- AngularJS
- Angular 9
- Django
- RabbitMQ
- Celery
- AWS (IAM, EC2, ROUTE53, S3, RDS)
- Firebase (auth, real-time database, firestore, firebase hosting)