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://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.

EDUCATION

ESPE (Escuela Superior Politécnica del Ejército)   **July - 2019**
- Mechatronics Engineer

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++
- Java
- Python
- MATLAB
- WordPress

ESPE   **Sep 2018 – Dic 2018**

Leader software developer of a team focused on the rehabilitation of kids with autism (Social robots).
- LabVIEW
- C++
- C#
- VBScript

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

CEO and developer of the company.
- PMP
- Leadership

Kings Of Binary   **Jan 2020 - Current**

Full stack developer, specialist in Backend and DevOps.
- NodeJs
- Flask
- Firebase
- Linode
- Nginx
- Certbot
- Wordpress
- Terraform
- MQL4 – MQL5
- Jan 2021 – Co-founder. Software Architect and Tech Lead

Devsu   **Oct 2020 - Current**

Full stack developer, specialist in Backend and DevOps.
- AngularJS
- Angular
- Django
- Docker
- Celery
- RabbitMQ
- AWS (IAM, EC2, ROUTE53, S3, RDS, SQS, SES)
- Firebase (auth, real-time database, firestore, firebase hosting)

Freelancing - Other companies   **Apr 2021 - Current**

Backend developer, Software Architect.
- SCRUM, Kanban
- Perl
- Nginx
- AWS