

# Andreas Haller

## Full Stack Web Developer | Software Developer

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[Linkedin](#) - [Github](#) - [Website](#)

Full Stack web developer with a focus on Back-end, experienced in working with Node.js, React, Redux, and other technologies. I have a diverse background in programming, 3D designing, customer service, education and entrepreneurship. I worked on various technology startups where I served in software development, and teaching roles. Always eager to learn, face new challenges, and share knowledge with others. Now, seeking full-time opportunities to leverage my expertise in backend development and startup experience in a dynamic team environment.

## TECHNOLOGIES

**Languages & Frameworks:** JavaScript, Python, React, Redux, Node.js, Express, Postgres, Sequelize

**Tools & Additional Skills:** Scrum, Git, Trello, Linux

## EXPERIENCE

### **Co-Founder & Lead Developer - Trackeen** **May. 2024 - Present**

- Developed an Arduino-based habit-tracking device that sends data to Google Sheets via the Google API for remote analysis.
- Managed firmware, API integration, and OTA firmware updates.
- Optimized the system for accuracy and reliability.

[Web](#)

### **Platform Director & Course Instructor - TribuMaker** **Jan. 2021 - Jun. 2022**

- Coordinated with instructors the uploading of courses and contents to the platform.
- Provided technical assistance and improved processes with JetEngine.
- Developed and taught courses on Arduino, HTML, JavaScript, IoT, and Robotics with Arduino and ESP8266 boards.

### **Owner - AH-3D Impresiones** **Oct. 2018 - Mar. 2022**

3D printing services enterprise for vehicle spare parts, supports, cabinets, bazaar items, and decorative items in plastic.

- Managed sales, orders, and manufacturing. Assembled and programmed 3D printers. Parametric design with Fusion 360.

### **Instructor & Developer - Ultrabot** **Jan. 2018 - Oct. 2018**

- Taught robotics in secondary schools with Arduino, Python, and Raspberry Pi.
- Developed a block-based programming tool to introduce robotics, created with Node.js, Electron, and Angular.

## Freelance Developer

**Abr. 2017 - Present**

- Developed Software and firmware for diagnostic equipment.
- Created temperature control systems based on Arduino, using PID controllers, IoT.

## Technical Support Agent - 5CA

**Abr. 2012 - Feb. 2015**

- Provided technical support in German and Spanish for companies in the video game industry.

# PROJECTS

## Full Stack Web Developer - Henry Fitness - Bootcamp Henry

**Aug. 2022**

A group project of a web app that aims to improve the online interaction between a gym and its customers. Technologies used: Express, Sequelize, NodeJS, PostgreSQL, React, Redux, Bootstrap, JWT, NodeMailer, Cloudinary.

### Main contributions:

- Created the database model and access routes.
- Implemented verification with JSON Web Token.
- Integrated NodeMailer for email notifications.

[Deploy](#) - [Repo](#)

## Full Stack Web Developer - Countries App - Bootcamp Henry

**Jul. 2022**

Developed a countries app with searches, filtering, sorting, and creation features.

**Technologies:** React, Node.js, Express, PostgreSQL

[Deploy](#) - [Repo](#)

# EDUCATION

- **Full Stack Developer.** Henry Bootcamp. 700 hours of theoretical-practical coursework. 2022
- **Systems Analyst.** Da Vinci School. Argentina 2013 to 2015 (incomplete)
- **Technical Bachelor's in Computer Science.** Secondary level. Paraguay 2006 - 2008

# LANGUAGES

- **Spanish** - Native
- **English** - C2 Proficient [EFSET](#)
- **German** - Advanced

# OTHER INTERESTS

- Passionate about robotics, including designing, machining, and programming robots and other devices. Worked with my father as an apprentice in his machining shop.
- Enjoys exploring science fiction in books, TV shows, and movies.