

# ANDRES ZUNIGA

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## Full Stack Web Developer

A passionate and bilingual Full Stack Web Developer with hands-on experience in designing, building, and deploying dynamic web applications. Graduate of the University of Miami Full Stack Development Bootcamp. Strong in both front-end and back-end technologies with a commitment to clean code, responsive design, and user experience.

### Core Competencies

*HTML | CSS | JavaScript | React | Node.js | Express.js | APIs | MySQL | Sequelize | MongoDB | Mongoose | REST | GraphQL | Git/GitHub | Responsive Design | Problem Solving | Debugging | Agile Workflow*

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### PROFESSIONAL EXPERIENCE

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## Projects:

### The Tech Blog

**Role:** Full Stack Developer

**Tech:** Node.js, Express.js, Handlebars.js, Sequelize, PostgreSQL, bcrypt, express-session, connect-session-sequelize, dotenv, MVC architecture

- Developed a CMS-style blog platform where developers can publish articles and comment on others' posts.
- Implemented full authentication and session management using express-session and bcrypt.
- Followed the Model-View-Controller (MVC) architecture for organized code structure and scalability.
- Utilized Handlebars.js as a templating engine to render dynamic content on the frontend.
- Connected a PostgreSQL database with Sequelize ORM to manage users, blog posts, and comments.
- Protected user actions like creating posts, commenting, and updating content through session-based login.
- Deployed the fully functional site to Render for public access.

**Link :** <https://the-tech-blog-huco.onrender.com>

### Note Taker

**Role:** Back-End Developer

**Tech:** Node.js, Express.js, fs module, UUID, JSON, HTML, JavaScript

- Developed the back-end of a note-taking web application that enables users to write, save, and delete notes.
- Connected a pre-built front-end to a custom Express.js server with RESTful API routes.
- Used the fs module to read from and write to a db. json file to store persistent note data.
- Implemented API routes (GET, POST, DELETE) to retrieve, save, and remove notes dynamically.
- Assigned unique IDs to notes using the UUID package for accurate CRUD operations.
- Deployed the full application to Render for live access and use.

**Link :** <https://my-note-taker-module-11-challenge.onrender.com/>

## ScheduleD (*Collaborative Group Project*)

**Role:** Full Stack Developer

**Tech:** React, Node.js, Express.js, GraphQL, MongoDB, Mongoose, JWT, Apollo Client/Server, Render

- Collaborated in a team of three to design and develop a responsive, single-page MERN-stack application that solves a real-world problem.
- Built a full GraphQL API using Apollo Server to handle complex queries, mutations, and data relationships between users and content.
- Integrated user authentication and authorization using JWT for secure login and personalized user experiences.
- Designed and implemented the front-end with React, utilizing reusable components and dynamic routing.
- Managed the back-end with Node.js and Express, and structured a scalable database using MongoDB with Mongoose ODM.
- Applied agile methodology, GitHub branching workflows, and frequent pull requests to coordinate team development and resolve merge conflicts.
- Protected sensitive environment variables and deployed the final product with full database integration on Render.
- Gained practical experience in team-based problem-solving, version control collaboration, and full-stack architecture.

Link : <https://scheduled-tcgp.onrender.com/>

**My GitHub** - <https://github.com/AndresZ25>

## past, present work

**Univision, Doral, FL**

September 2021 - Present

**Audio Operator A-2**

- **Floor manager** for Despierta America, La Voz, El Gordo y La Flaca, Edicion Digital, Al Punto, and 24/7 News.
- Set and **monitored microphone frequencies, IFBs, and RTS boxes**.
- Positioned microphones on all talent and guests.
- **Trained and mentored** new hires on the proper use of A/V equipment.
- Changed batteries of all microphones.
- **Operated playback** on Live / Novation Launchpad.
- Responsible for the **maintenance of microphones, IFBs, and RTS boxes**, backstage monitors, communication systems and audio systems.
- **Coordinated the distribution and return of all communication boxes**. Maintained inventory of all A/V equipment.
- **Ensured all setups were in compliance** with company policies and safety regulations.

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## EDUCATION

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**University of Miami – Full Stack Web Development Bootcamp**

- **Learned to build responsive full-stack web applications using modern technologies.**

**Miami Dade College, Miami, FL**  
**Associate of Arts – Music Education**

**Miami Dade College, Miami, FL**  
**Audio Technology Certification**

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**ADDITIONAL CREDENTIALS**

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**Technical Skills:** Microsoft Office Suite applications; **Front-End:** HTML, CSS, JavaScript, jQuery, React, Bootstrap  
**Back-End:** Node.js, Express.js, MySQL, Sequelize, MongoDB, Mongoose, REST, GraphQL  
**Tools:** Git, GitHub, Heroku, VS Code, Postman, Insomnia

**Languages:** English and Spanish