# Andrew Rowan

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## EDUCATION

**University of Texas at Austin -** Austin, TX                                                                                July 2023
Full Stack Development Bootcamp

**University of Texas at Dallas -** Richardson, TX
Bachelor of Arts in Arts, Technology, and Emerging Communications
Concentration in Product Design and Production

## FULL STACK PROJECTS

**NoSQL Database Architect**                                                                                                July 2023
*[Sentinetic](#) (AI powered sentiment analysis) - Austin, TX*

- Designed NoSQL database architecture for use by AI/front end teams
- Created routes with GQL to get and push data between ChatGPT, the database, and the front end
- Used Agile methodology to create team norms and organize work
- Technologies - Node.js, GraphQL, Express.js, MongoDB, React, Bootstrap, JWT, Twitter/Mastodon API

**Front End Developer and SQL Database Architect**                                                          May 2023
*[Taskhub](#) (Social Media for completing daily tasks) - Austin, TX*

- Created front-end layouts, components, and functionality
- Created and modified database to meet the needs of the team and project
- Compartmentalized code for reuse throughout the platform
- Technologies - HTML, CSS, Node.js, Express.js, Handlebars.js, SQL, Sequelize, Bootstrap

## RELEVANT EXPERIENCE

**Operations Manager**                                                                                February 2022 – Present
*Ladish Ball Valves - Houston, TX*
Manufacturer of ball valves for oil, gas, and chemical applications
- Doubled production and hit 2023 yearly revenue goal in October by retraining leads and setting up defined goals for each department.
- Improved customer response time 40% by introducing a shared spreadsheet system to track order status and production issues
- Promoted to special projects lead and increased production significantly by reorganizing the production area and implementing employee accountability

**Engineering/RGB Tech and Project Manager**                                                April 2021 – January 2022
*Principal LED - San Angelo, TX*
 LED manufacturer
- Managed on site project operations including inventory, build/test cycle, and system combinations
- Solved 80+% of customer issues over the phone, resulting in quick solutions and less product returns
- Led the production team to meet incredibly tight deadlines for Texas A&M Kyle Field project with almost 20,000 individually controlled LEDs

## SKILLS AND LANGUAGES (edit this heading based on your needs)

**Languages:**          JavaScript, HTML, CSS,  C++, Python (basic)
**Skills:**                   UI/UX design, product design and production, and project management