

# SHANE SCHILLING

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<https://github.com/trilambda122>

## FULL-STACK DEVELOPER

Certified Full Stack Developer who can leverage 20 years of technical and business experience. Blending in-depth business acumen with a broad understanding of the technological landscape. Committed to continuous learning, I seek opportunities to sharpen my craft and contribute to dynamic team environments.

### TECHNICAL SKILLS

NodeJS • HTML5 • CSS • Javascript • Python • MySQL • PostgreSQL • MongoDB • React • Bootstrap • Github • Git •  
VsCode • VIM • Docker • SSH • Figma • Gimp • Inkscape • Unix / Linux • Heroku • AWS • MusicKit • DNS •  
Hypervisors • VOIP/SIP • GIS

## RELEVANT EXPERIENCE | PROJECTS

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### SOUNDTRACKS | FULL STACK DEVELOPER

DEPLOYED: <https://TV-SOUNDTRACKS.HEROKUAPP.COM/> | REPO: <https://github.com/TRILAMBDA122/SOUNDTRACKS>

A Music Lovers application automatically creating a playlist in your Apple Music account from your favorite shows and movies

- **Role:** Solo full-stack passion project requiring the using the MVC framework and a full understanding of Apple MusicKit and JSON web tokens.
- **Utilized:** NodeJs, HTML, React Express, Axios, MusicKit, Youtube APIv3, Creation of server-side APIs

### SHORT TERM RENTAL AGGREGATOR | BACK END DEVELOPER AND TEAM MEMBER

DEPLOYED: <https://QUIET-TOR-69912.HEROKUAPP.COM/> | REPO: <https://github.com/TRILAMBDA122/STR-WEBWORKERS>

STR aggregator is a MERN web application that utilizes web scrapers to collect information from your favorite rental sites and displays the information in one place for the user.

- **Role:** Team member with a focus on back end development of web scraping services to collect and store the relevant data. Web Scrapers utilized a microservices approach, with multiple processes utilized for data collection.
- **Utilized:** NodeJs, Cheerio, Puppeteer, Express, Axios, MongoDB, Mongoose ODM

### BOOK SEARCH | FULL STACK DEVELOPER

DEPLOYED: <https://HW21-GOOGLE-BOOKS-SEARCH.HEROKUAPP.COM/> | REPO: <https://github.com/TRILAMBDA122/GOOGLEBOOKS-SEARCH>

This reading list application allows you to search and review books then add them to your favorites list. You will never have to wonder what to read next!

- **Role:** Solo full-stack web application creation, using Google books API, React, Bootstrap.
- **Utilized:** NodeJs, HTML, CSS, React, Axios, MongoDB, Mongoose ODM

### USER DIRECTORY LISTING | FULL STACK DEVELOPER

DEPLOYED: <https://TRILAMBDA122.GITHUB.IO/USER-DIRECTORY/> | REPO: <https://github.com/TRILAMBDA122/USER-DIRECTORY>

User directory application using react framework built with a mobile-first viewpoint. The application includes sort and search functionality along with clean styling

- **Role:** Solo React application of a user or contact list application utilizing the random user api to create an MVP application
- **Utilized:** NodeJs, HTML, CSS, React, Bootstrap

### DOCKET MASTER | FULL STACK DEVELOPER & TEAM MEMBER

DEPLOYED: <https://PURE-ATOLL-36836.HEROKUAPP.COM/> | REPO: [https://github.com/ETORRES-REVATURE/DOCKET\\_MASTER](https://github.com/ETORRES-REVATURE/DOCKET_MASTER)

Full stack application for the creation, tracking, and updating of dockets in the court system.

- **Role:** Focused on database design, modeling and implementation. Front end docket searching and listing
- **Utilized:** NodeJs, HTML, CSS, MySQL, Sequelize ORM

## EXPERIENCE

2016-Present	<b>LOGIX FIBER NETWORKS</b> <i>The largest fiber network provider in Texas and a leading provider of business voice solutions.</i> <b>CTO</b> <ul style="list-style-type: none"><li>Recruited by Astra Capital Management following acquisition of Logix. Deliver business growth and profitability of enterprise-only voice &amp; data network generating \$150M in annual gross revenue.</li><li>Drive operational excellence across corporate IT, internal software development, OSS/BSS systems, customer communication systems, fiber construction, service delivery, and field operations. Direct vision, strategy, and key initiatives, ensuring continuous alignment with overall business goals.</li><li>Provide strategic oversight to 50% of total workforce including VPs, directors, and managers; maximize financial performance by handling up to \$40M annual CAPEX budget.</li><li>Boost revenue by spearheading full product lifecycle including third-party negotiations. Recently, led launch of Logix wave services and HBPX solutions.</li></ul> <i>Technical Achievements</i> <ul style="list-style-type: none"><li>Oversight of in-house development for legacy platforms and new middleware applications in .Net, SQL and Perl by 12 member development team.</li></ul>	<b>AUSTIN, TX</b>
2009-2015	<b>GRANDE COMMUNICATIONS</b> <i>A telecommunications firm utilizing a fiber optic and cable network to offer broadband services across Texas.</i> <b>Vice President of Technical Operations</b> <ul style="list-style-type: none"><li>Selected by investors to champion business turnaround, transforming underperforming organization to a market leader in data, voice video, and data speed. Co-directed management transition from prior equity partners to Grande, guiding four-member team to recapitalize and restructure 750-member company.</li><li>Led successful, compliant operations across Grande's network and IT systems delivering voice, video, and data services to residential and commercial customers. Owned up to \$90M annual CAPEX budget.</li><li>Streamlined headcount after reorganizing all technical teams to include corporate IT, billing platforms, customer messaging, and communications infrastructure, call center technologies, and field operations.</li></ul> <i>Technical Achievements</i> <ul style="list-style-type: none"><li>Creation of middleware to integrate companies billing, provisioning and customer faction platforms.</li></ul>	<b>AUSTIN, TX</b>
2003-2009	<b>ATLANTIC BROADBAND</b> <i>The eighth largest cable operator in the U.S.</i> <b>Director of Network Engineering</b> <ul style="list-style-type: none"><li>Appointed to oversee all Atlantic Broadband properties, including newly acquired Charter Communications properties; directed high speed data, phone, and video networks serving 300K+ customers throughout the East Coast.</li><li>Steered 24-member team through merger and cultural changes while ensuring retention of high performers.</li><li>Drove profitability by managing ~\$15M annual CAPEX budget and ~\$3M expense budget.</li><li>Provided integral leadership on the technology team with focus on call center technology. Consolidated and enhanced 24/7 call centers with ~200 unionized employees by executing skills-based routing systems, online payments, IVR, disaster recovery processes, and remote work capabilities.</li></ul>	<b>JOHNSTOWN, PA</b>

## CERTIFICATIONS | EDUCATION

- University of Texas Full Stack Bootcamp
- Executive Management Program, MIT Sloan School of Business
- Thayer Executive Leadership Program, West Point

## PROFESSIONAL AFFILIATIONS

- Information Technology Disaster Resource Center - ITDRC (2020-Present)
- Mentor, Techstars (2018-Present)
- Member, Advisory Board, Freqsho.com (2015-Present)
- Member, Board of Directors, It's Time Texas (2013-2016)