



SHANE SCHILLING

Full Stack Developer

A4 PRINT-READY



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Full Stack Developer

CONTACT



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SKILLS

Node / Javascript



HTML / CSS



Backend / Unix



Networking / Cloud



HOBBIES

- Live Music
- Volunteer
- Software
- Networking

ABOUT ME

Certified Full Stack Developer who can leverage 20 years of technical and business experience.

CONTINUING EDUCATION

- **UNIVERSITY OF TEXAS** 2020
Full Stack Developer Certification
- **WEST POINT** 2019
Thayer executive leadership program
- **MIT SLOAN SCHOOL OF BUSINESS** 2009
Executive management program

EXPERIENCE

- **CTO / LOGIX FIBER NETWORKS** 2016-2020
Largest fiber network provider in Texas specializing in enterprise solutions
- **VP NETWORK OPS/ GRANDE** 2009-2016
100% US-based broadband communications company
- **DIRECTOR OF ENGINEERING / ATLANTIC BROADBAND** 2003-2009
8th largest cable operator in the United States. The company provides TV, Internet, Phone and enterprise business services

SHANE SCHILLING

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<https://github.com/trilambda122>

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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

SOUNDTRACKS | FULL STACK DEVELOPER

DEPLOYED: [HTTPS://TV-SOUNDTRACKS.HEROKUAPP.COM/](https://tv-soundtracks.herokuapp.com/) | REPO: [HTTPS://GITHUB.COM/TRILAMBDA122/SOUNDTRACKS](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

HAPPINESS METER (STAND ALONE API) | BACK END DEVELOPER

DEPLOYED: [HTTPS://QUIET-TOR-69912.HEROKUAPP.COM/](https://quiet-tor-69912.herokuapp.com/) | REPO: [HTTPS://GITHUB.COM/TRILAMBDA122/HAPPINESS-METER](https://github.com/trilambda122/happiness-meter)

Professional standalone Backend REST API utilizing JSON Web Tokens for authentication. Can be used as part of a full stack application or with any front end that supports JWTs

- **Role:** Created a scalable, modular and secure REST API template that can be used in all future projects. Come complete with Jest testing suite, and REST client scripts.
- **Utilized:** NodeJs, Express, MongoDB, Mongoose ODM, JWT, bcrypt, HTTPS

BOOK SEARCH | FULL STACK DEVELOPER

DEPLOYED: [HTTPS://HW21-GOOGLE-BOOKS-SEARCH.HEROKUAPP.COM/](https://hw21-google-books-search.herokuapp.com/) | REPO: [HTTPS://GITHUB.COM/TRILAMBDA122/GOOGLEBOOKS-SEARCH](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/](https://trilambda122.github.io/user-directory/) | REPO: [HTTPS://GITHUB.COM/TRILAMBDA122/USER-DIRECTORY](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

EXPERIENCE

- 2020- Present **INFORMATION TECHNOLOGY DISASTER RESOURCE CENTER (ITDRC)** **AUSTIN, TX**
America's premier team of volunteer technology professionals - Connecting Communities in Crisis
Volunteer
- Leading the evaluation of all ITDRC back-office systems, tools, and interfaces used to track volunteer hours, the field team logistics, and inventory management.
 - Documentation of ITDRC existing systems with their current integration state and the organization's workflows.
 - Leading the evaluation for the replacement of ITDRC's current CRM platform. Evaluating based on a matrix of cost, capability, and capacity for the organization.
 - Contributing to the organization's code base of tooling systems and platforms. Working on the resolution of issues and enhancements
- 2015 - Present **FREQSHO.COM** **AUSTIN, TX**
The ultimate music discovery and entertainment dashboard
Developer / Advisor
- Developed an admin application to collect various data sources of live music events, allowing for the indexing and curating of venues, showtimes, and artists for a given city.
 - Act in an advisory role in regard to the investment community, data analytics, and marketing strategies.
 - Provide strategic guidance on technical stack and implementation.
- 2016-2021 **LOGIX FIBER NETWORKS** **AUSTIN, TX**
The largest fiber network provider in Texas and a leading provider of business voice solutions.
CTO
- Recruited by Astra Capital Management following the acquisition of Logix. Delivered business growth and profitability of enterprise-only voice & data network, generating \$150M in annual gross revenue.
 - Drove 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.
 - Provide strategic oversight to 50% of the total workforce including VPs, directors, and managers; maximize financial performance by handling up to \$40M annual CAPEX budget.
 - Boosted revenue by spearheading a full product lifecycle including third-party negotiations. Recently led the launch of Logix wave services and HBPX solutions.
- Technical Achievements*
- Oversight of in-house development for legacy platforms and new middleware applications in .Net, SQL, and Perl by a 12 member development team.
- 2009-2015 **GRANDE COMMUNICATIONS** **AUSTIN, TX**
A telecommunications firm utilizing a fiber optic and cable network to offer broadband services across Texas.
Vice President of Technical Operations
- Selected by investors to champion business turnaround, transforming an underperforming organization into a market leader in voice video, and data. Co-directed management transition from prior equity partners to Grande Communications, guiding 4 member team to recapitalize and restructure, 750-member company.
 - 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 a \$90M annual CAPEX budget.
 - Streamlined headcount after reorganizing all technical teams to include corporate IT, billing platforms, customer messaging, and communications infrastructure, call center technologies, and field operations.
- Technical Achievements*
- Creation of middleware to integrate companies billing, provisioning, and customer faction platforms.

2003-
2009

ATLANTIC BROADBAND

JOHNSTOWN, PA

The eighth largest cable operator in the U.S.

Director of Network Engineering

- 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.
- Steered a 24-member team through merger and cultural changes while ensuring retention of high performers.
- Drove profitability by managing ~\$15M annual CAPEX budget and ~\$3M expense budget.
- Provided integral leadership on the technology team with a 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.

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)