

TERRENCE MAHNKEN

Mount Juliet, TN 37122

Phone: 865.789.7867 | Email: terrencemm2@gmail.com

LinkedIn: [linkedin.com/in/terrencemahnken](https://www.linkedin.com/in/terrencemahnken) | Github: github.com/TerrenceMM2

Portfolio: terrence.codes

SUMMARY

Full Stack Web Developer and Senior Consultant with a background in music and passion for obtaining high-quality results. Effective at combining empathy and objectivity to produce swift and lasting solutions. Known among staff for organizational and communication skills and taking personal ownership of projects.

TECHNICAL SKILLS

Front-End: HTML5, CSS, Bootstrap, Material-UI, JavaScript, jQuery, AJAX, React, Redux, TypeScript

Back-End: Node.js, Express.js, MySQL, Oracle SQL, Sequelize ORM, MongoDB, Mongoose ODM

Concepts: APIs, REST, MVC, JSON, XML, SSO Protocols, SSL certificates

Tools: AWS ElasticBeanstalk, AWS CodePipeline, AWS S3, AWS EC2, GIT, Github, GitLab, BitBucket, Jira, Confluence, Firebase, Heroku, Eclipse, VS Code

RELEVANT EXPERIENCE

Application Engineer II
HCA Healthcare

2021 – Current
Nashville, TN

- Closely collaborates with team members to successfully execute development initiatives using Agile practices and principles.
- Participate in efforts to design, develop, deploy, and support software systems
- Collaborates with 3rd party development partners as well as internal team members
- Integrates new/existing software with existing systems
- Collaborates with business analysts, project lead, management and customers on requirements
- Participates in large-scale development projects involving multiple areas outside of core team
- Helps in designing fit-for-purpose products to ensure products align to the customer's strategic plans and technology road maps

Senior Consultant
Ellucian

2016 – 2021
Nashville, TN

- Implemented, administered, and built-out front-end, internal user portal and identity and access management system used by all 50k+ faculty, staff, and students within the Tennessee Board of Regents system office and the 26 Tennessee Colleges of Applied Technology campuses.
- Supported and trained the Tennessee Board of Regents affiliated 13 community college and 6 university technical staff on proprietary portal and identity and access management products used by 177k+ students.
- Manage Java applications, SSL certificates, and Java KeyStores in Linux RedHat environments running on Tomcat and Weblogic.

DEVELOPMENT RESPONSIBILITIES

- Developed custom Microsoft Office 365 Mail and Calendar components for proprietary React-based web portal using provided SDK, MSAL (Microsoft Authentication Library), & Microsoft Graph APIs.
- Developed custom themes for proprietary Liferay-based web portal using Eclipse, HTML, CSS, Bootstrap, JavaScript, and jQuery.
- Developed custom pages for proprietary Angular-based ERP tool using Oracle SQL, CSS, and Angular.
- Developed custom JSR-286 portlets for Liferay-based web portal using Java, Spring, Ant, Maven, JSP Views, Oracle SQL, Eclipse, and MVC design paradigm.

ADDITIONAL EXPERIENCE

- Teaching Assistant
Vanderbilt University
2019 – Current
Nashville, TN
- Mentor 25-50 full-stack development students per 6-month cohort and manage student work.
- Centralized Grader
Trilogy Education
2020 – Current
Nashville, TN
- Evaluate, debug, and provide constructive feedback on submissions from MERN-curriculum students.
- Network Manager
Polk County School Board
2013 – 2015
Lakeland, FL
- Maintained, repaired, and optimized 300+ Dell & Gateway notebooks and desktops running Windows XP and Windows 7 as well as Apple iPads and iMacs.
 - Created and deployed master images using Altiris and SCCM to install software.
 - Troubleshoot SMART technologies, Microsoft Office Suite, and Windows/Mac OS software as well as installed Epson, Hitachi, and Sharp projectors, integrated Lightspeed audio systems, AverMedia document cameras, and networked HP, Lexmark, Kyocera, and Konica Minolta laser and inkjet printers.
 - Instructed staff on Microsoft Office Suite, Microsoft Office 365, Google applications, Pinnacle Gradebook, and Polk County created software.
 - Used Active Directory for user and password management, Group Policy to secure student machines, and SAP for inventory and work orders.

PROJECTS

- Interfaith Dental | github.com/cjharkins/interfaith-dental-web | interfaithpatient.com
- A patient intake form for Interfaith Dental as part of HCA's annual Hack-A-Thon
 - Project Role: Front-End Developer
 - Front-end built using React, Redux, and TypeScript
- Dewey | github.com/TerrenceMM2/dewey | deweyreads.com
- A personal library book tracker
 - Project roles: DevOps, Networking Specialist, Email & Password Integration
 - Front-End: React (Hooks & Context), Material-UI | Back-End: NodeJS, Express, MySQL, Passport | Deploy to AWS
- Five Point Play | github.com/TerrenceMM2/Five-Point-Play | fivepointplay.herokuapp.com
- A basketball player statistical full-stack application & fantasy point calculator.
 - Project roles: React Developer, Passport Developer, Theme Designer, GitHub Manager
 - Front-End: React & Material-UI | Back-End: NodeJS, Express, MySQL, Passport | Deployed to Heroku
- Terra Mater | github.com/TerrenceMM2/terra-mater | terramater.herokuapp.com
- A crowd-sourced plant database & full-stack application providing important plant characteristics and care information.
 - Project roles: Project Manager, Technical Architect, Theme Designer, Supporting Developer
 - Front-End: React & React-Bootstrap | Back-End: NodeJS, Express, MySQL | Deployed to Heroku

EDUCATION

- Vanderbilt University | Nashville, TN | 2019
Vanderbilt University Boot Camp - Full-Stack Web Development
A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.
- Johnson University | Knoxville, TN | 2010
Bachelor of Science in Bible, Church Music, & Worship Ministry
Graduated *Magna Cum Laude*