

Matthew Snyder

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Dedicated and analytical professional with hands-on experience in developing high-quality, scalable web applications seeking to explore making an impact with technology.

QUALIFICATIONS SUMMARY

Software Development

- Strong understanding of software development methodologies and best practices, enabling delivery of efficient and reliable code.

Cross-functional Collaboration

- Ability to collaborate with cross-functional teams, ensuring seamless integration between different components of software project.

Performance Enhancement

- Highly skilled in optimizing performance and ensuring scalability of React applications.

Key Skills

- Demonstrated proficiencies in utilizing modern frameworks and libraries to create responsive, user-friendly web applications.

EDUCATION

Master of Science in Mathematics

West Virginia University, Morgantown, WV, 2020 – 2022

Honors: Invited into Phi Kappa Phi Honors Society | Activities: Graduate Teaching Assistant, GPA: 4.00

Bachelor of Science in Mathematics, Minor in Computer Science

University of Pittsburgh, Pittsburgh, PA, 2014 – 2019

Activities: Undergraduate Research Assistant, GPA: 3.33

PROFICIENCIES

TypeScript, React.js, Node.js, Express.js, Python, PostgreSQL, HTML, CSS, Flask, Object Relational Mappings (ORMs), SOLID principles, Inverse of Dependency (IOD), Dependency Injection (DI), Cloud Deployment, Written & Verbal Communication, Detail Oriented, Enthusiastic Learner, Growth Mindset, Self-motivated, Organizational Skills

EXPERIENCE HIGHLIGHTS

Outlier AI

Subject Matter Expert (Part time)

May 2024–Present

Applies expertise in Mathematics to craft AI prompts for the enhancement of LLM responses.

AAK Tele-Science, Remote

Sep 2023 – Jan 2024

Front End Developer

Apply expertise in React.js and API integration to connect back-end and front-end components of app. Assist in development and implementation of user-friendly front-end solutions in compliance with industry best practices and coding standards.

- Successfully designed search page that seamlessly integrated data from API into front-end React.js app.
- Confirmed smooth integration between front-end and back-end components of app by engaging with back-end developers.
- Met goals with quick turnarounds within an AGILE development environment. .

SPRINGBOARD, Remote

2022 – 2023

Full Stack Software Engineering Bootcamp

Acquired proficiency in full-stack development, using frameworks such as React.js for front-end development and Node.js/Express.js & Python for back-end development, relational databases (PostgreSQL, RESTful API development), unit and integration testing, and source control systems (Git, GitHub), Continuous Integration/Continuous Deployment (CI/CD),

- Completed more than 700 hours of coursework, displaying diligent work ethic and dedication to continuous learning.

Additional experience:

Assistant Manager of Banking Operations, Allegheny County

Treasurer's Office, Pittsburgh, PA

Implements investment strategies within the Treasurer's investment policy for the highest return while maintaining liquidity and managing risk.

- Innovated and implemented improved and efficient procedures increasing productivity.
- Enhanced work efficiency and minimized errors by creating and refining multiple Excel spreadsheets.

PROJECTS

MOCK/CLONE, Dating App – [GitHub](#) | [Link](#)

- Optimized user engagement and experience by implementing real-time WebSocket chats for users to connect with others in real-time.
- Connected front-end and back-end sections of project with secure and a RESTful API with public and authenticate routes..
- Maintained optimal user experience across devices by building interactive and responsive front-end with React.js and CSS.

Fitness Tracker – [GitHub](#) | [Link](#)

- Designed fitness tracking app by utilizing existing RESTful API service.
- Developed intuitive user interface for users to easily create, manage, and execute personalized workout plans.
- Integrated cutting-edge Data Science libraries to provide users with comprehensive progress tracking, offering valuable insights and feedback.