

See Pdrer

Dallas, TX

469-455-6805 | Seepdrer0@gmail.com | <https://www.linkedin.com/in/see-pdrer>
<https://github.com/CookingGod> | <https://seepdrer.com/>

Summary

Software Engineer with experience building full-stack applications using React, Node.js, TypeScript, and AWS. Proven ability to deliver production-ready features, design scalable backend systems, and collaborate in Agile environments. Experienced with RESTful API design, and CI/CD workflows.

Education

University of Texas at Dallas

Aug 2022 - Dec 2025

BS, Computer Science

Richardson, TX

- **Coursework:** Operating Systems, Computer Networks, Software Engineering, Database Systems, Systems Programming in UNIX, Advanced Data Structure and Algorithm

Skills

- **Languages:** Java, Python, C++, C#, JavaScript, TypeScript, HTML/CSS
- **Frameworks/Libraries:** React, React Native, Next.js, Node.js, Express, Django, Tailwind CSS, MongoDB, Redux, WebSocket
- **Cloud/Tools:** AWS (ECS, SSO, CLI, SDK), Git/GitHub, MySQL, PostgreSQL, Postman, JUnit, PyTest, JMeter, Redis, Elasticsearch
- **Software Development:** Full-Stack Development, API Design, System Design, CI/CD, Agile/Scrum, Frontend Development

Work Experiences

Agility Holding Groups - 834 Lab

Jun 2025 - Aug 2025

Application Developer Intern

Richardson, TX

- Led frontend development of internal and client-facing applications using **React.js**, **React Native**, **Next.js**, **Tailwind CSS**, and **TypeScript**, ensuring clean architecture and responsive design
- Built a custom **Node.js** CLI tool for **AWS ECS** debugging and container access, leveraging **AWS SDK**, **STS**, and **ECS Exec** to reduce troubleshooting time by **40%**.
- Implemented secure login using **AWS SSO** and credential verification, improving authentication reliability and error handling.
- Designed and implemented **wireframes** and **workflows** for full-stack features with **BRD/TRD/SDLC documentation**, streamlining team communication and project planning.
- Completed multiple real-world software development tasks involving **system analysis**, **data scrubbing**, **ticket triage**, and **stakeholder communication** using **Agile methodologies**, which improved project delivery timelines and enhanced team collaboration

BB.Q Chicken

Aug 2025 - Present

Server

Richardson, TX

- Delivered **consistent, high-quality service** to customers in a **fast paced, high-volume environment**, managing multiple tables and competing priorities while under pressure
- Built rapport with a diverse range of customers through clear, attentive communication, ensuring a positive experience from start to finish

Plano Independent School District

Dec 2024 - Jun 2025

Avid Tutor

Plano, TX

- Mentored students in **problem-solving strategies**, fostering independent learning through analytical thinking and structured methodologies.
- Applied a **consultative approach** to guide students, mirroring best practices for technical troubleshooting and user support.

Projects

AI-Based Unit Test Generator – Capstone (Texas Instruments)

Aug 2025 - Dec 2025

- Led development of an AI-based tool to auto-generate unit tests for JS/Python/C++ code using **LangChain + OpenAI APIs**.
- Worked with Texas Instruments stakeholders to align generated tests with internal requirements and software test methodologies.
- Demonstrated potential to reduce manual unit test creation time by **~80%**
- Designed prompt engineering and validation loops to improve test relevance and coverage by **~50%**.

T-Data

Nov 2025

- Developed a Python-based web scraping pipeline using Beautiful Soup to collect and aggregate **1,000+** customer reviews across **4** data sources including Reddit and T-Mobile review platforms
- Built a full-stack React dashboard to perform sentiment analysis on customer feedback, visualizing positive/negative classification trends across **1,000+** reviews
- Served as primary UI designer and Backend developer, owning the end-to-end frontend architecture and component design

TaskMatch – Web-based Application

Aug 2024 - Dec 2024

- Developed a Tinder-like matching platform for customers and contractors, featuring real-time geolocation, and dynamic scheduling.
- Engineered a scalable backend with **Node.js & Express**, leveraging **PostgreSQL** with B-Tree indexing for optimized query performance (**~70%** faster search results)
- Integrated **WebSocket-based notifications** and **Redis** caching to enhance real-time task updates and contractor alerts.
- Implemented Elasticsearch-powered matching to rank contractors by proximity, skills, and ratings, reducing manual search time by **60%**.
- Designed an interactive UI with **React**, **Redux**, and **Tailwind CSS**, including a drag-and-drop calendar (**FullCalendar.js**) and **Google Maps API** for location-based searches.

Achievements

- 3rd Place – Atlas Crypto Anomaly Detection UTD Fintech
- Finalist – IBM Case Competition