Boston, MA

(410) 924-7116

dpupke10@gmail.com

Daniel Pupke

Available to Start: January 2025

dpupke10.site

github.com/daniel68045

linkedin.com/danielpupke

EDUCATION

Northeastern University   **Sep 2021 - May 2026**

Candidate for B.S. in Computer Science | GPA: 3.6

Relevant Coursework: Object-Oriented Design, Algorithms, Computer Systems, Mathematics of Data Models

SKILLS

Languages: Java, Python, Javascript, Typescript, CSS/HTML, SQL, R
Frontend: React, React Native, Tailwind CSS
Backend: Express.js, Node.js, Django
Database: MySQL, MongoDB
Cloud: Azure, AWS
Other: Turborepo, Android, CapacitorJS

EXPERIENCE

Frontend Developer Intern   **Jan 2024 - June 2024**

SkyIT Services | Subsidiary of GBCS Group   *Calgary, Alberta Canada (Remote)*

- Planned, presented, and led a project utilizing Turborepo to build and deploy a monorepo that encompassed the frontend web app repos (React), boosting efficiency and reusability among all three project codebases.
- Implemented CapacitorJS to develop and successfully deploy two new features in the company fleet management Android app Aukai (React Native), allowing users the ability to scan barcodes and store fleet vessel information offline, enabling clients to use our services out in the field.
- Collaborated with UI/UX designers to implement visual designs into both company websites (gbcsgroup.com & skyit.services), continuously updating each website to create a more engaging user experience.

PROJECTS

Online Calendar (_MERN Stack_**)**   **Nov 2024 - Present**

- An interactive online calendar full-stack application for personal use and collaboration.
- Features include basic event scheduling, reminders, and real-time updating.

Final Exam Helper (_Python)_   **Jun 2023 - Present**

- A study aid leveraging machine learning to analyze lecture notes and identify the most relevant topics for final exam preparation, utilizing a Naive Bayes classifier to tokenize and rank topics as they appear.
- Incorporates NLTK and Scikit-learn for text preprocessing and modeling

2048 Game *(React)*   **Sep 2022**

- A web-deployed version of 2048, integrating MongoDB to increase load capacity and enable features such as undo and replay.
- Features a Typescript and React based client and an ExpressJS backend.