

Dylan Dalal

your.email@example.com | portfolio | github | linkedin

Experience

Frontend Software Engineer Airtab Music, Inc. (Remote)	Nov 2024 – August 2025
<ul style="list-style-type: none">Designed and developed www.openforanicon.com and www.airtabmedia.com using Framer and ReactCollaborated with the marketing team to build brand identity through web presenceSupported full-stack development of a cross-platform application using React Native	
Pipeline TD Premise Entertainment, Inc. (Remote)	Jul 2023 – Sep 2024
<ul style="list-style-type: none">Designed a Python-based asset assembly and publishing pipeline for animated productionBuilt Maya/Houdini pipelines that interfaced with large scale web applicationsCreated deployable Python shelf tools for 100+ artists across multiple DCCs	
Software Engineer Researcher FSU College of Motion Picture Arts (Tallahassee, FL)	Jan 2021 – Dec 2023
<ul style="list-style-type: none">Developed core infrastructure and pipeline tools to support LED volume film productionCreated cross-team Python I/O scripts and C++ UE plugins for ingest/playbackLed tech strategy for the launch of an industry-first Virtual Production MFA specialization	
Software Engineer Researcher FSU Department of Psychology (Tallahassee, FL)	Aug 2021 – Jul 2023
<ul style="list-style-type: none">Created Python data processing pipelines using NumPy, pandas, and RegExDeveloped automation scripts to eliminate participant bias and clean experimental datasets	
Pipeline Intern Monster/Aliens/Robots/Zombies VFX (Remote)	Apr 2022 – Jun 2023
<ul style="list-style-type: none">Developed GAN-based AI VFX solution VanityAI, increasing VFX pipeline efficiency by 300xArchitected unit test suite for pipeline tools adopted by entire pipeline engineering teamCollaborated with stakeholders to gather requirements and feedback on user experience	

Projects

Eren, A.I. Assistant Project Manager github	July 2024 – Present
<ul style="list-style-type: none">Automatically handles project backlogs, tasks, and prioritization using targeted calls to LLMsIncludes workflows for managing video production and software development projects	
Passport github	Jan 2024 – Present
<ul style="list-style-type: none">Built a trip detection algorithm using ML to analyze photo location metadataDeveloped Dart-based frontend in Flutter, supporting iOS, Android, and web deployment	
AutoTube github	Apr 2025 – Jun 2025
<ul style="list-style-type: none">Python pipeline to automatically create YouTube shortsScrape top posts across any subreddit using reddit's python library PRAW	

Education

B.S. Computer Science Florida State University	Jul 2019 – Dec 2022
<ul style="list-style-type: none">Minors in Mathematics, Physics & Film StudiesStudent President of the College of Arts and Sciences	