

Jacob David Cunningham

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Experience

Software Engineer, ECCO Select - hybrid Dec 2024 - current

- Contracted to VMLY&R in the innovations dept
- Contributed to development of a RAG-based agentic chat tool for equipment research
- Stack was Python FastAPI with Vue, LlamaIndex and AWS Bedrock suite
- Briefly worked on another AI project curating/rating news articles (Azure/ReactJS)

Software Engineer, Storable - remote Jun 2022 - Mar 2023

- Worked on new proof of insurance submission portal in fullstack JavaScript
- Maintained existing billing software written in Rails, Symphony and Python
- Won 1st place hackathon with AR volume estimator app for Lidar devices using SwiftUI
- Created a Python OCR tool with Slack integration which reduced support tickets

Technical Co-Founder, Inkit Live, Inc - remote Jun 2021- Jun 2022

- Developed a real time document signing video platform using ReactJS, webRTC provider, AWS tech eg. EC2, S3, SES, SNS, NodeJS, Gatsby backend with Apple CUPS interface - also implemented a facial landmark detection model with tensorflow in JS
- Managed the complete life cycle of the software and added Selenium E2E testing
- Designed and implemented new features per customer vertical

Software Engineer, Ettain Group, LLC - remote Sep 2019 - Dec 2021

- Contracted to Cerner (Oracle) under the Problems and Diagnoses team to develop new features for charting patient history (Millenium) using ReactJS, Rails and JavaScript
- Wrote TDDs, unit and E2E testing (visual regression), participated in code reviews

Education

University at Buffalo	2013-2014	Intended Computer Science
SUNY Fredonia	2010-2012	Physics and Engineering

Technical Skills

Frontend: HTML5, CSS3, JavaScript, ReactJS

Backend: Linux, Node with ExpressJS, PHP, Python, Postgres, MySQL, AWS, Git, websockets

Testing: unit, integration, regression, black box, grey box, Selenium, Jasmine, Jest, Mocha, Chai, RTL, Enzyme, WDIO

Misc: ElectronJS, PWA, React Native, C++, Python, RaspberryPi, Arduino