

Email: mupal@ucdavis.edu **Github:** github.com/minupalaniappan **Web:** minupalaniappan.com

Education

B.S. in Computer Science at the University of California, Davis. (exp. graduation 2018)

Experience

Site Reliability Engineering Intern, Mailchimp

Jun. to Sep. 2017

Built a notification system for Mailchimp's single deployment platform. Notifications capture all deployer (Travis-CI, Docker ext.) actions. Notifications are then visualized using a large Graphite cluster. Additionally, I developed a platform to automate Mailchimp's user-management scripts.

Co-Founder, Gradfire

Jun. 2015 to Jan. 2017

Gradfire is the first platform to crowdsource students transcripts for effortless and effective higher-education course selection. Joined the Citris Foundry Accelerator at Haas School of Business, UC Berkeley. Currently, the platform has 4500+ registered students, with more than 45,000 visits.

Software Engineering Intern, Bitglass

Jun. to Sep. 2016

Worked on a CASB (Cloud Access Security Broker) solution for all custom-developed Salesforce applications. Identified API footprints to effectively decrypt and encrypt client data.

Software Engineering Intern, XiQ

Aug. to Dec. 2015

Introduced IBM's Bluemix PaaS to pre-existing XiQ API. Specifically used Watson's Discovery & Conversation utilities to introduce more content pipelines; API's accuracy improved significantly.

Software Engineering Intern, CK12 Foundation

2010 to 2014

Designed the 1.0 iOS application via Illustrator. Developed an Android application to gamify their educational content. Additionally, built a suite of QA tools to simplify resource citations for content creators and authors.

Projects

Dojo

An underground social network that clustered content based on location and interest.

Wolfio

Solve any math problem, from simple arithmetic to multivariable calculus via SMS.

Rapthatbeat

A search engine for all song instrumentals. #1 in Product Hunt music.

Ballmetric

Find all video clips of NBA plays broken down by player, shot type and distance. #1 in Product Hunt sports.

Emojistream

A Facebook bot that translates your texts into emojis.

Shape Language

1st place overall at Hack Davis. Draw a shape on a touchpad, and it will vocalize it.

Awards

Boy Scouts of America, Eagle Scout

Skills: **Javascript** (React, Backbone, Node, Redux) **Python** (Flask, Django, scikitlearn, Beautifulsoup) **OOP** (Java, C, C++) **Ruby** (Rails, Resque, Sinatra) **Deploy** (Travis CL, Webpack, Gulp, Babel, Jenkins) **Database** (SQL, PSQL, mySQL, PHP)