Krunal Patel

✉ kppatel727@gmail.com   📍 San Francisco, USA   ➶ kpatel27.github.io

Professional Experience

06/2020 – present Remote	**Co-creator & Software Engineer** *Jade* • Co-created Jade, an open source framework that makes it simple to deploy and maintain JAMstack applications on AWS cloud infrastructure • Used Node.js & AWS SDK to create CLI commands that abstract away the time and complexity of provisioning AWS infrastructure(S3, CloudFront, EC2, DynamoDB) • Implemented Nginx & a Node.js app on an EC2 to initialize the build process in response to Git webhooks, automating the CI/CD process for developers • Implemented Docker to create isolated containers for the build environment in order to avoid dependency errors • Worked around CloudFront invalidation limits by using a FaaS to invalidate certain files only, ensuring stale content is not served while helping developers reduce CloudFront costs • Launched an interactive Jade dashboard using React, Node.js, and Express.js, allowing developers to easily view the status and history of their JAMstack apps • Worked with a remote team across 3 countries, developing Jade and co-authoring a detailed case study on its architecture (https://jadeframework.dev/ ☐)
2018 – 2020 Remote	**Full Stack Web Developer** *Self-employed, part time* • Developed open-source applications with technologies such as Node.js, Express, React/Redux, Ruby on Rails • Project Manager: a project management app using React/Redux on the frontend with Ruby-on-Rails API and PostgreSQL database on the backend • Airline Routes: a web app built with React that lists routes based on source/destination • Todo: an interactive todo app built with Node.js, Handlebars.js, jQuery and an Express.js API
2016 – 2020 San Jose, USA	**Intelligent Transportation System Engineer** *AECOM* Designed infrastructure for massive public works projects ranging from $100-$200 million under strict time and budget constraints

Skills

Languages & Frameworks
Ruby, JavaScript, Python, HTML, CSS, SQL, Sinatra, Rails, React, Redux, Node.js, Express, jQuery, Jest, Minitest

Other
Docker, REST API, Git/GitHub, AWS SDK, AWS CDK, HTTP, FaaS, web app architectures

Education

2019 – 2020	**Software Engineering, Web Development** *Launch School* A program utilizing mastery-based learning and a fundamentals up approach to software engineering, https://launchschool.com/employers ☐
2011 – 2016	**Bachelor of Science in Civil Engineering** *California Polytechnic University, Pomona - 3.8 GPA*