Krunal Patel

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Professional Experience

06/2020 – present
Remote

Co-creator & Software Engineer
Jade
- Co-created Jade, an open-source framework built with Node.js that makes it simple to deploy JAMstack applications on the AWS cloud infrastructure
- Created a user-friendly CLI to abstract away the complexity of provisioning and configuring AWS services (IAM, S3, CloudFront, Lambda, EC2, and DynamoDB)
- Utilized Docker for the build environment to support multiple apps regardless of different dependencies
- Designed EC2 instances to automatically build and deploy JAMstack apps after receiving GitHub webhooks
- Worked around CloudFront invalidation limits by using a FaaS, ensuring stale content is not served while helping developers reduce costs
- Launched a user-friendly interface built with React, Node.js, and Express, allowing developers to view the status and history of their JAMstack apps
- Worked with a remote team across 3 timezones to create Jade and co-author 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 for the UI, Ruby on Rails API, and a PostgreSQL database
- Airline Routes: a web app built with React that lists routes based on source/destination
- Todo: an interactive todo app built with Node.js, Express, jQuery, and Handlebars

2016 – 2020
San Jose, USA

Civil Engineer
AECOM
- Designed infrastructure for various public works projects 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, MongoDB

Education

2019 – 2020

Software Engineering, Web Development
Launch School
A software engineering school based around core fundamentals and mastery-based learning; https://launchschool.com/employers ⧉

2011 – 2016

Bachelor of Science in Civil Engineering
California Polytechnic University, Pomona - 3.8 GPA