ASHWIN VASWANI

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Empathetic engineering leader and coder with a passion for building high-performing, happy teams and solving problems through technology.

Experience

SENIOR SOFTWARE ENGINEER, SWEETGREEN INC, LOS ANGELES, CA   **2020 - PRESENT**

Architected and led execution on a variety of high-impact long-term initiatives including re-platforming and decoupling customer authentication, customer secret management, loyalty, promotions, and campaigns capabilities. Authored the most number of technical design documents in the organization in 2020.

Led a team of 12 engineers executing on multiple tracks of in-flight work alongside critical discovery efforts, vendor evaluations, and technical design authoring.

Drove improvements in the team's Agile practices leading to stable team velocity, swarming, stronger DevOps mindsets, continuous delivery pipelines, and a higher team morale.

Provided estimates, options, and visibility into long-term product and technical program roadmaps that informed key business decisions and planning.

Executed on infrastructure-as-code efforts for the organization with multiple AWS accounts and Terraform, leading to more reproducible, maintainable cloud architectures.

Pioneered and defined new processes for the CRP (Customer Relationship Platform) domain and the technology organization around technical documentation practices, CI/CD workflows, automated testing and linting, architectural and tooling decisions with AWS services, creating and managing Serverless applications in NodeJS, application and infrastructure level observability, access management, and more.

Led POCs around adopting new technologies and paradigms including event-driven architectures with AWS, monitoring and observability with Datadog, and ephemeral cloud environments.

Identified and successfully resolved a number of high severity production incidents.

SOFTWARE ENGINEER, PHILOSOPHIE GROUP INC, SANTA MONICA, CA   **2018 - 2020**

Responsible for leading engineering efforts on a large payment gateway's upcoming product.

Led development on a developer portal experience in React which led to new large sales opportunities for the client.

Collaborated with client stakeholders, engineering and DevOps teams, to deliver quality experiences.

Architected an end-to-end pipeline for managing, editing, and publishing OpenAPI specs.

Built RESTful APIs using Ruby On Rails and integrated with multiple third-party services.

Wrote AWS CloudFormation templates for deploying Dockerized backend services to ECS.

Engineered a robust SPA in Angular 6 and it integrated with a large financial company's backend.

Built iOS and Android applications in React Native which attained an average growth rate of 9%.

Produced a custom image generating tool using user input, Imagemagick, and Sendgrid's APIs.

SOFTWARE ENGINEER, KADENZE INC, VALENCIA, CA   2014 - 2018

Developed the company's web app using Ruby on Rails, Vue, Knockout, SASS, Webpack, etc.

Migrated the app's analytics backend to use a Dockerized in-house solution using PostgreSQL.

Created a library to track events, emails & user engagement using our new analytics backend.

Deployed & developed multiple WordPress blogs, with Git, CDN integration & SSL.

Improved the blog's performance by decreasing load times by up to 600%.

Built a generic frontend data table class that was extended in multiple views across the site.

Redesigned features including the dashboard, attendance, lecture & resources modules.

Refactored & increased performance of the internal style guide.

Implemented new user roles as well as site-wide email & panel redesigns.

Fixed frontend & backend bugs, helping create a more stable product.

Wrote test cases in Ruby & Selenium that ran against the company's staging environments.

Led development on the company's public-facing WordPress blog.

Built multiple test cases, including ones that parsed user emails to verify the web team's code.

Set up a continuous integration server on Jenkins to run test cases nightly on Browserstack.

Created an internal data visualization web app using Google Analytics, D3 & p5.js.

ADJUNCT FACULTY, CALIFORNIA INSTITUTE OF THE ARTS, VALENCIA CA   2017 - 2018

Taught 50 students Wordpress & basic PHP, HTML, CSS & Javascript in the Web Development class.

Mentored undergraduate students in their final year & helped them complete their final projects.

Educated 50 students on the basics of sound production in the Intro to Sound Production class.

Held weekly meetings to help students debug their code.

Advised students at various skill levels.

LEAD FULL STACK DEVELOPER, TIREGET, VALENCIA, CA   2016 - 2017

Created an e-commerce web app with Ruby on Rails & Solidus for selling tires to consumers.

Architected the object & data models for the app.

Wrote an interface for bulk product uploading by parsing user added CSV files.

Setup a Docker container for the app & migrated the application to Rails 5.

LEAD WEB DEVELOPER & PROJECT MANAGER, CALIFORNIA INSTITUTE OF THE ARTS, VALENCIA CA   2015 - 2018

Developed & designed the website for the school's program, MTIID, using Wordpress.

Created the websites for the Digital Arts Minor & Digital Arts Expo 2015, 2016, 2017 & 2018.

Effectively set up multiple servers & environments with Git, CDN integration & SSL.

Successfully migrated & archived older versions of the websites.

Collaborated with the school's IT department & mentored novice developers.

Certifications

AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE   2020

Education

MUSIC TECHNOLOGY INTERACTION, INTELLIGENCE, & DESIGN (MTIID) WITH A MINOR IN THE DIGITAL ARTS   2016

California Institute of The Arts Valencia, CA.

Skills

Proficient in languages such as JavaScript, TypeScript, Ruby, SASS, PHP, CSS & HTML.

Experienced in Ruby on Rails, React, NodeJS, Terraform, Angular, Vue, React Native, PostgreSQL, AWS (Lambda, API Gateway, DynamoDB, VPC, ECS, S3, ALB, RDS, IAM, CloudFormation, Route53, CloudWatch, CloudFront, KMS, CodePipeline, Cloudtrail), Datadog, Heroku, Webpack, Wordpress, jQuery, Knockout, Solidus, Google Analytics, Docker, D3, p5.js, .NET Core, MongoDB, Node.js, Git, Shell commands, Linux environments.