

ANAND DHARNE
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Professional Experience

Perch, Boston, MA

October 2021 – Present

Software Engineer - Front End

Architect and develop complex user interfaces for the supply chain operations for the software platform
Leverage Amazon Selling partner apis to gain deeper insights into the brands we acquired, thus enabling growth
Worked on developing tools to increase growth and revenue of brands
Work closely with design and QA teams to ensure rich, accessible UI's strictly adhering to quality standards
Worked on everything across the entire software platform that relates to the UI and participate in all stages of the SDLC life cycle

SessionM – A MasterCard Company, Boston, MA

October 2019 – October 2021

Sr Software Engineer in Test, Quality Assurance

Worked on all stages of the SDLC life cycle and participated in test case, scenario creations adhering to quality principles
Worked extensively to automate test cases using tools like postman, Newman
As part of automation, setting up the test environment, developing automation frameworks, writing scripts for data generation using python, used SQL to debug data issues
Experienced with tools like cypress for end to end testing and k6 for performance testing
Develop scripts to interact with AWS lambdas and step functions for debugging
Maintain CI/CD pipelines and ensuring best practices and quality assurance
Knowledge of ECS, Lambdas, CloudFormation, S3, SNS, SQS, CloudWatch, Step functions, DynamoDB, Athena

Happie Inc., Boston, MA

July 2017 – September 2019

Software Engineer, Front-End

Implemented features and resolved bugs for the web application built in Vue.js (JavaScript)
Configured with Webpack
Participated in agile processes and stand-up meetings thus gaining a strong understanding of the product with respect to SDLC
Deployed applications using GitHub actions, GitlabCI that provides continuous integration and continuous delivery
Used Docker to Dockerize build and test jobs in the CI process to speed up the CI build Set up e2e and unit tests for the Front-End for the web application based on the test cases The testing stack included Karma, Jest (Test runners), Jasmine, Vue-test-utils for unit testing and Selenium, TestCafe and Nightwatch.js for automated e2e tests
Implemented unit and API testing using the Nose framework in Python

InsightFormation, Minneapolis, MN

July 2016 – December 2016

Software Engineering Intern

Defined and developed the application's front-end layer using HTML, CSS and JavaScript (jQuery) Performed automated testing for the main website and reported back to the supervisor strictly adhering to the test plan
Monitored developed applications and fixed bugs
Used JIRA for bug tracking and Scrum boards in JIRA to finish sprints

Fizzible, Pune, India

May 2014 – July 2015

Software Engineer

Participated in requirement gathering, elicitation and system business analysis for proposed software
Worked in all stages of the software development life cycle
Used Selenium Web Driver (QA) for end-to-end testing of web applications in Chrome, Firefox and Phantom headless browsers
Developed and maintained the front-end of the E-commerce website

University of Massachusetts, Lowell, MA

September 2016 – January 2017

Advanced Graduate Project

Built a visualized graph by consuming an API at the back end
Libraries used were Charts.js, D3.js and React framework - <https://github.com/NetLab>
Converted wireframes / mockups into fully functioning UI's
Used Jasmine for JavaScript unit testing and mocha as a test runner
Used git for version control

Technical Skills

Web development (Nodejs), Django, CI/CD Automation, QA, Database and UI testing, Linux scripting, databases like SQL, Aws Aurora, PostgreSQL, Cloud services like AWS, Heroku Docker, Google Analytics

Languages

JavaScript (TypeScript, Vue, React), Python, SQL

Education

University of Massachusetts, Lowell, MA, 2017

Master of Science in Computer Engineering

Pune University, India, 2014

Bachelor of Science in Electrical Engineering

Awards

Won the award for the third best start-up representing Fizzible at TIE (The Indus Entrepreneurs) in association with Rice University

Projects

Prophet finance presale

Helped build the front-end (developed in React) of the presale project that was basically an initial coin offering (ICO) for their blockchain which is listed on an exchange (Uniswap) now
The company removed the website after presale was done
Here is the GitHub link for it - <https://github.com/ananddharne/prophet-finance-presale>

Milind tutoring academy

<https://milindacademy.com>

The front end is built in React

The back end uses the AWS cloud stack mainly AWS amplify, lambdas, DynamoDB, S3 and SES

Corona Statistics

Built this to get varying corona statistics from a reliable json source

The motivation was to get good at typescript - <https://github.com/ananddharne/coronaStatistics>
The project uses angular.

Wedding Album

The project consumes the flickr API, built in React.js -
<https://github.com/ananddharne/wedding-album-create-react-app>