

Manthan Mallikarjun

Full Stack Developer | DevOps | Cloud Computing | Automation | Deployments

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EXPERIENCE

Rakuten/Ebates, San Mateo — Software Engineering Intern

JUNE 2018 - SEPTEMBER 2018

- Built a chatbot with **Python** (Sanic) and **React** to help mitigate over 80% of customer support requests
- Used **Google Cloud** and its AI platform through **DialogFlow**
- Worked with **Marketing Engineering** to ingest store feeds and push to Facebook and Google for advertising
- Worked on developing an intern admin API with React and **GraphQL**
- Developed a chrome extension and framework to scrape product information to help upsell products
- Built a landing page framework to help non-technical employees in the marketing department build beautiful and dynamic landing pages to onboard more customers

Roambee, Santa Clara — Software Engineering Intern

JULY 2016 - AUGUST 2016

- Built website to show data points of shipments, trucks, and airplanes in real time with **Node.js** (express), and **jQuery** which interfaced with **MySQL**
- Helped secure 4.1 million dollars in Series B funding by developing live demos for investors
- Developed internal tools to help improve productivity of the team

Card for Coin, San Mateo — Software Engineering Intern

JUNE 2015 - AUGUST 2015

- Built scrapers to validate gift card balances while avoiding obstacles such as captchas and rate limiters in **Scala** with **Selenium**
- Help bring out Target and Whole Foods gift card purchasing to production in the Fold app
- Worked with cryptocurrency APIs to handle payment processing

EDUCATION

University of California, Santa Cruz — B.S. Computer Science

SEPTEMBER 2017 - JUNE 2020 (3 YEARS)

Coursework

- Data Structures and Algorithms
- Object Oriented Programming in **Java**, and Programming in **C**
- Introduction to Assembly
- Discrete Mathematics, Vector Calculus, and Linear Algebra

GPA: 3.81

- Dean Honors fall, winter, and spring 2017-2018
- On track to graduate in three years

RESEARCH

The Decent Protocol — University Funded Research on Cryptocurrencies

OCTOBER 2017 - PRESENT

- Building a platform for running private applications inside of Intel Secure Chips while still running on a public blockchain
- Developed smart contracts in **Ethereum** to power the entire application
- Worked with **Rust** to build apps inside of the Intel Secure Enclave

SKILLS

JavaScript and Node.js
Vue, React, and Ember
GraphQL and REST
Express, Koa, and Hapi
Python and Sanic
Java and Scala
Ruby, Rails, and Sinatra
PHP and Laravel
Selenium and Puppeteer
Elixir and Phoenix
MySQL and Postgres
Git and CI/CD
Bash and ZSH
Ubuntu and Arch Linux

INTERESTS

Docker and Kubernetes
Big Data and Hadoop
Go and Rust
Google Cloud and AWS

PROJECTS

nahtnam — My Portfolio and Blog

[HOMEPAGE](#) | [GITHUB](#)

Vue.js, Bulma, Font Awesome

@srvr/srvr — Component Based Node Framework

[GITHUB](#)

Koa, Yargs, Nodemon, CLI

tab — An extension to show the data that matters to you.

[GITHUB](#)

Vue, Chrome, Bulma, srvr (API)

ebates-chat-kit — UI Kit for Chatbots @ Ebates

[HOMEPAGE](#) | [GITHUB](#)

React, CSS, Webpack, Jest

json-diff-cli — CLI Testing Tool for Diffing Server JSON

[GITHUB](#)

Node.js, Yargs, CLI, NPM

JTester.com — Easily Diff and Lint JSON Online

[HOMEPAGE](#) | [GITHUB](#)

Vue.js, Bulma, json-diff-cli

BTCP.co — Bitcoin Price Ticker

[HOMEPAGE](#) | [GITHUB](#)

Vue.js, Bulma, Coinbase