

DHRUV MISHRA

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SUMMARY

Full stack Developer with experience in designing, coordinating and developing software solutions.

- **Programming:** Java, JavaScript, Dart, Python, Golang, HTML5, CSS3, TypeScript, C++, Solidity
- **Framework:** Spring, TensorFlow, Flutter, React-Native, NodeJS,
- **Scripting:** Shell Scripting
- **Libraries/Tools:** ReactJS, VueJS, AngularJS, Redux, Vuex, Provider, gin, gorm, jQuery, bootstrap, materialUI, Tensor Board
- **Databases:** SQL, PostgreSQL, MongoDB, Cloud Fire Store

WORK EXPERIENCE

Senior Software Developer | Sezzle | Gurugram, India | April 2018 – August 2021

- Implemented effective caching rules with a combination of in-memory, browser and CDN techniques to reduce server load from ~160/sec to ~20/sec.
- Architected and automated the widget integration to reduce manual intervention as much as possible. Integration time dropped from 45 minutes to under 1 minute.
- Developed a Chrome Extension with OAuth for widget integration. Developed REST APIs with GO and use MySQL database. This tool eliminated the need of a developer for widget integration.
- Authored multiple SDKs and tools around Sezzle's widget with React, JS, HTML, CSS which are used on over 20K websites.
- Developed scrapers with Golang, gin, gorm to check merchant website for widget abnormalities.

Software Developer / Doodleblue / Chennai, India / March 2017 – April 2018

- Developed and implemented 15+ public developer APIs for User Creation and profile management. These API's have 50K plus calls a day.
- Developed REST APIs for e-commerce website using NodeJS, express and mongo DB.
- Developed frontend for a job portal using ReactJS, used Web Socket for chat integration and Redux for state management.
- Implemented design changes that increased the performance of application through optimizing and tuning DB queries.
- Converted UI/UX designs into prototypes, creating excellent interactions from designs, writing reusable content modules and maintainable code

Graduate Teacher Assistant / Northeastern University, San Jose, California / January 2022 – Present

- Teaching assistant in Machine Learning and Applied Sciences
- Assisting and grading coursework while taking informative sessions for 24 students.

EDUCATION

- Master of Science | Information System | Northeastern University | GPA 4.00 | 2021 - 2023
- Bachelor of Engineering | Computer Science | Vellore Institute of Technology | GPA 3.00 | 2012-2016

ACADEMIC PROJECTS

Garage Sale App / Flutter & Firebase

- Created a B2B Ecommerce application for my final project. I used Flutter, Firebase, Provider package to create this application.
- Developed 30 plus Rest API's and Cloud Fire store Chat for this application along with architecting the whole platform.
- Developed multiple Widgets and designed the UI for this application. Project is open source and can be found on my GitHub.

Portfolio Website / React, NodeJS

- Created a portfolio website as a project for Web Development. Developed multipage SPA without using any CSS framework.
- Created the whole website with CSS3, ReactJS using Hooks. Created custom animations, complicated UI/UX and handled state through Redux.