

DHIRAJ SUTHAR

SOFTWARE DEVELOPMENT ENGINEER

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Experience

Bajaj Finserv Health

Pune, Maharashtra

Associate Software Developer

July 2022 -Present

- Working in a growing health-tech startup to develop and deliver pages and components to conquer doctor appointment, lab tests, consultation journeys, etc
- Designed and developed a middle-layer architecture using caching and serverless functions to increase page performance while reducing Largest Contentful Paint (LCP) by 3.5s
- Oversaw organisational change of our frontend stack (to Next.js + Emotion). This required understanding and managing the needs of the company, developers and clients, and planning, communicating and architecting the change.
- Developed a new system to reduce cost exponentially in consumption of Google Map's geo location APIs
- Monitoring and fixing production metrics like lighthouse score, 90th percentile for APIs, ELK error logs and automated journey breakages

Intern

Jan 2022 - June 2022

- Code refactoring and integrating new APIs while creating new interfaces for the same
- Fixing issues and maintaining of the website along with unit testing and code refactoring
- Increased SEO metrics by developing seo-friendly components, on-page data and managing sitemaps to get most of our web page URLs to page 1 on google.com

tinythings.in

Delhi

React Intern

Oct 2020 – December 2020

- Designed and developed functional admin panel components for dashboard
- Development of user-friendly client dashboards, enabling seamless data uploading
- Building the website from scratch using Material UI as the component library and setting up the project

Education

Vellore Institute of Technology

Amravathi, Andhra Pradesh

Bachelor of Technology in Computer Science, 8.47 CGPA

July 2018 – July 2022

- **Selected Coursework:** Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks, Design and Analysis of Algorithms
- **Web Development Lead,** Google Developer Student Clubs
- **Awards:** 1st in Intra-College Basketball Tournament, 2nd position in annual college skit competition
- Starting Point Guard in first two years and Captain in 3rd and 4th year of the college basketball team

Personal Projects

BREAKING BAD Name Generator: - [github](#)

- Infatuated by the series breaking bad I saw a pattern in the credits generated for the cast and crew of the show, I noticed a pattern in their names and decided to pen it down as an algorithm and make a small project to generate names in the same pattern

The Smart Dietician - [github](#)

- Lela is a web based application that provides the user with a diet plan based on characteristics like height, weight, age, etc. Also, it helps in getting the proper posture while performing yoga using Convolutional Neural Network.

Signature Forgery Detection -

- A CNN based model using Siamese Neural Network that preicts the forgery with minimal data required to train the model using loss function, back propogation and Euclidean distance

Technical Skills

Languages: JavaScript, TypeScript, Java, Node.js, Python, MySQL

Softwares and Tools: Redis, Azure Functions, Visual Studio Code, Postman, Azure CI/CD, NGINX

Web Technologies/Frameworks: Next.js, React, Emotion, SASS, Material UI, CSS, HTML