

Umang Galaiya

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Education

Babaria Institute of Technology, Varnama, India - Bachelor of Engineering (B.E.) in Computer Science and Engineering (2013 to 2017). CGPA: 9.33/10.

Programming Languages

HTML PHP Python
CSS MySQL C
JavaScript Java

Frameworks & Tools

ReactJS SvelteJS Laravel
Redux Sapper Firebase
Next.js Node.js Git

Talks

- Rethinking frontend apps using SvelteJS at [JSFoo 2019](#).
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Experience

Razorpay [YC W15]

Senior Frontend Engineer - Payments Team (March 2019 to September 2020)

- Overhauled and revamped Razorpay Checkout in terms of UI and codebase
- Supported an increasing number of payment methods on Razorpay Checkout
- Created and maintained alternate versions of Razorpay Checkout

Frontend Engineer (October 2017 to March 2019)

- Created multiple pages for the Razorpay website
- Revamped and added support for Goods and Services Tax (GST) for Invoices product
- Created patterns and libraries for tracking user behavior across Dashboard and Website
- Added support for multiple payment methods to Razorpay Checkout
- Migrated Razorpay's blog from Ghost to a static website generated from a WordPress CMS

Wingify, PushCrew Team

Software Engineer (June 2017 to October 2017)

- Created a tracking library in JavaScript capable in capturing analytics through multiple services
- Enhanced service workers to retain more Push Notification subscribers on Firefox
- Added multiple features to the Dashboard using ReactJS
- Wrote scripts and created a Slack command to allow easier tracking of ownership and usage of Staging instances

Software Engineering Intern (December 2016 to January 2017)

- Using ReactJS and Redux, developed automated flow allowing customers to convert to HTTPS accounts, thus reducing 60 to 80 monthly support tickets
- Implemented changes in the display of pricing tiers for better customer acquisition
- Integrated MixPanel on user's Dashboard
- Developed landing pages

Independent Contractor (March 2016 to June 2017)

- Worked on various web-based (frontend and backend) projects
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Projects

[[My GitHub](#) should give a better idea about the things I've worked on recently. Older ones are listed here.]

Diagnosis of Brain Tumor using Machine Learning (2016-17)

Created an intermediate system that diagnoses Brain Tumor from MRI scans using various Machine Learning algorithms.

Used Python, scikit-learn, scikit-image, BRATS 2016 dataset.

Picture Band [Creator] (2015)

Built a web platform to enable sharing of photos among groups by using a single, personalized URL.

Used Laravel, Materialize, Bootstrap, jQuery.
pictureband.co

Cult Classics [Co-founder] (2016)

Built a web-based product catalog for Cult Classics' product range.

Also co-founded Cult Classics. We produced and sold wooden-engraved merchandise.

Used ReactJS, Laravel.

cultclassics.in

KhiKhi [MIT Media Lab DI15] (2015)

Built interface to make two Tessel microcontrollers communicate with each other over WiFi using HTTP requests.

Used NodeJS, Tessel.

umanghome.github.io/khikhi

LeapDrop [InOut 3.0] (2016)

Hacked together a system to drag (using hand gestures) a webpage from one computer, drop it onto another, and have it open instantaneously. Used Leap Motion, NodeJS, SocketIO, Chrome Extension.

umanghome.github.io/leapdrop

Shikshak [Backend Developer] (2017)

Built an AngelList-like platform for teachers during Smart India Hackathon 2017.

Used Laravel.

github.com/speedforce-sih17/shikshak

Ruralfuse [InOut 2.0] (2015)

A web app that connects industries with job seekers in rural areas by curating job requirements and job preferences, and then automatically notifying job seekers about the available opportunities.

Used Laravel, JavaScript.

github.com/InOut2-USS/ruralfuse

Itinerate [InOut 1.0] (2014)

Built a web app that allows users to generate a route-optimized itinerary based on the places they want to visit.

Used PHP, JavaScript, HTML, CSS.

github.com/umanghome/itinerate-inout

Miscellaneous

- Hybrid Android app to get the menu and place orders in restaurants using Bluetooth Beacons. Used ReactJS, Cordova, Laravel, Firebase.
- Hybrid Android app that showed the daily schedule of classes at my college. Used ReactJS, Cordova.
- Hybrid Android app for students to calculate their attendance. Used ReactJS, Cordova.
- An app to select a bunch of movies from IMDb and sort them by their rating. Used ReactJS.
- A curated directory of clinics in India for Keratoconus treatment. Used ReactJS, Parse.
- Web app for people to post updates to, as my CS50x final project. Used PHP, JS, HTML, CSS.

Accolades during college

- Stood 2nd at Project Day competition at Babaria Institute of Technology for Diagnosis of Brain Tumor using Machine Learning.
 - Facilitator for Google's Applied CS for 2016 for Babaria Institute of Technology.
 - Microsoft Student Partner for 2014-15.
 - Won Best Hardware Hack at InOut 3.0 for LeapDrop.
 - Won multiple C/C++, Java, and Android competitions organized across Gujarat.
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