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	JavaScript	PHP
CSS	Python	MySQL

Frameworks & Tools

ReactJS	Node.js
SvelteJS	Laravel

Talks

- Rethinking frontend apps using SvelteJS at JSFoo 2019

Experience

Apollo [YC W16]

Senior Frontend Engineer (September 2020 to Present)

- Improved frontend tooling
- Overhauled onboarding experience in multiple areas of the platform
- Performance improvements across frontend projects

Razorpay [YC W15]

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

- Added preview environments for Razorpay Checkout
- Helped build a testing framework for Checkout using Puppeteer
- Migrated UI from doT.js to Svelte v2 and then to Svelte v3.
- Added support for more payment methods on Checkout
- Introduced patterns to reduce time taken to add new payment methods to Checkout
- Created and maintained alternate versions of Checkout
- Won internal hackathons, twice.

Frontend Engineer (October 2017 to March 2019)

- Created multiple landing pages for razorpay.com
- Added support for Goods and Services Tax (GST) in the Invoices product
- Created patterns + 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 via WordPress APIs

Wingify, PushCrew Team

Software Engineer (June 2017 to October 2017)

- Created a tracking library in JavaScript to capture analytics through multiple services
- Enhanced service workers to retain more Push Notification subscribers on Firefox
- Added multiple features to the Dashboard using ReactJS
- Created a Slack command + scripts to enable tracking of ownership of Staging instances

Software Engineering Intern (December 2016 to January 2017)

- Automated a flow to convert customer accounts to HTTPS accounts, reducing 60 to 80 support tickets per month
- Implemented changes in the display of pricing tiers for better customer acquisition
- Integrated MixPanel on the 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.]

covid19-twitter.in

Built a simpler UI to use Twitter's Advanced Search to aid during India's 2nd wave of the COVID-19 pandemic. 180K pageviews/day at its peak. Featured in domestic + international news publications.
Used SvelteJS.
covid19-twitter.in

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.

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

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

Shikshak [Backend Developer] (2017)

Built an AngelList-like platform for teachers during Smart India Hackathon 2017.
Used Laravel.
github.com/speedforce-sih17/shikshak

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

Miscellaneous

- Multiple hybrid Android apps using ReactJS, Cordova, and Firebase
- Tiny web apps to interact with IMDb, generate + maintain listings, pick between two options, plan a trip using Google Maps APIs, etc.

Accolades during college

- Diagnosis of Brain Tumor using ML bagged 2nd place amongst final-year projects at my college
- Microsoft Student Partner for 2014-15, Facilitator for Google's Applied CS for 2016
- Won Best Hardware Hack at InOut 3.0 for LeapDrop
- Won multiple Web Dev, C/C++, Java, and Android competitions organized across the state