

Umang Galaiya

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Education

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

Languages

JavaScript PHP Python
MySQL HTML CSS
Java C C++

Frameworks/Tools

ReactJS Redux NodeJS
Laravel Cordova jQuery
Bootstrap Git Firebase

Experience

Razorpay [YC W15] - Software Engineer, Frontend Team (October 2017 to Present)

Wingify - Software Engineer, PushCrew Team (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.

Independent Contractor (March 2016 to June 2017)

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

Wingify - Software Engineering Intern, PushCrew Team (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 display of pricing tiers for better customer acquisition, integrated MixPanel, developed landing pages, made DB schema changes and corresponding backend rewriting.
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Projects

Diagnosis of Brain Tumor using Machine Learning

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.

Currently writing a research paper based on this project.

Picture Band [Founder]

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

Used Laravel, Materialize, Bootstrap, jQuery.

pictureband.co

LeapDrop [InOut 3.0]

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]

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

Used Laravel.

github.com/speedforce-sih17/shikshak

ieacon [Lead Developer]

Built the MVP consisting of a mobile app that interfaces with Estimote's Bluetooth beacons, and a CRM for restaurant order and inventory management.

Used ReactJS, Cordova, Laravel, Firebase.

Ruralfuse [InOut 2.0]

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]

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

Timetable

A hybrid Android app that showed the timetable for classes at Babaria Insitute of Technology.

Used ReactJS, Cordova.

KC India

A curated directory of clinics in India that Keratoconus patients can refer to.

Used ReactJS, Parse.

Calamity

A lightweight web app that allows users to post and view updates on Cyclone Nilofar. This was my CS50x final project.

Used PHP, JavaScript, HTML, CSS.

github.com/umanghome/calamity

KhiKhi [MIT Media Lab DI15]

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

Used NodeJS, Tessel.

umanghome.github.io/khikhi

Cult Classics [Co-founder]

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

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

Used ReactJS, Laravel.

cultclassics.in

A or B

A simple web page that picks randomly among two given inputs.

Used HTML, CSS, JavaScript.

github.com/umanghome/aorb

Attendance Calculator

A hybrid Android app that allows users to enter whether or not they attended classes on a given day and calculates their total attendance.

Used ReactJS, Cordova.

IMDb Sorter

A web page that allows you to enter a list of movies and sorts them by their IMDb ratings.

Used ReactJS.

github.com/umanghome/imdb-sorter

Achievements

- 2nd at Project Day competition at Babaria Institute of Technology for Diagnosis of Brain Tumor using Machine Learning.
- 1st in Java Programming competition organized by Footprints X7 at MSU, Vadodara.
- Best Hardware Hack at InOut 3.0 for LeapDrop.
- Facilitator for Google's Applied CS for 2016 for Babaria Institute of Technology.
- Microsoft Student Partner for 2014-15.
- 1st in C/C++, 1st in Web Design at TechZone 1.0 at Babaria Insitute of Technology.
- 1st in Android App Development College-level Contest.
- 1st in C/C++ competition organized by Footprints X6 at MSU, Vadodara.
- 1st in C/C++ competition organized by Computer Society of India at MSU, Vadodara.
- 2nd in C/C++ competition organized by CodingHeaven at GTU, Ahmedabad.