

Astha Sharma

Mumbai, India

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Profile	Excellent communication skills and a flexible, dynamic and work oriented approach. Possess ability to model & solve problems in an effective and efficient manner, work well with teams as well as an individual.
Education	Bachelor of Technology in Computer Science (2012 - 2016) - 82% Galgotias College of Engineering and Technology, Greater Noida, India High School (ISC Board) (2012) - 94% Methodist High School, Kanpur, India
Skills	Frontend – HTML5/CSS, JavaScript, ES2017, React.js, Redux, Cycle.js, Backbone.js Backend – Node.js, nginx, AWS [S3, EC2] Mobile – Android [Java], React Native General – Java, C, C++ Scripting – JavaScript, Python
Research	<u>Intelligent Recommendation Engine</u> Research project, analysing the construction of a domain agnostic, smart recommendation engine, employing machine learning for learning user behaviours and predicting user actions .
Work	<u>UpGrad (Current: 2016 - 2017)</u> Software Engineer(Frontend); I develop & optimise the Upgrad's student learning web-app to work on flaky connections and have the minimal possible memory foot-print. Backbone.js serves as the model/event-system and provides structure to our application and it is written in CoffeeScript. <u>Dipper</u> Web Developer; oversee the development of an early stage startup's web site and portal, that organises the huge trucker-shipper market. Core technologies utilised are Rails, SASS, JavaScript with D3.js. <u>Gamezop</u> Frontend Web Developer; led the design and development of a seed funded startup's mobile and web identities, core technologies used were HTML5, SASS, JavaScript and Gulp.
Summer Internship	Indian Institute of Technology, Kanpur <u>Testgen UI – Web</u> Developed an open-source web interface for the command line tool Testgen designed by Bhabha Atomic Research Centre. Testgen is a "Automated Test Suite Generation for C Programs", which acts as an interface between a OCaml backend and the web browser.
Projects	<u>astha.me – Web</u> Designed and open-sourced a portfolio website, built using modern web technologies, like HTML5 Node.js, gulp and SASS. Employs best practices, gzipping, minification, obfuscation. <u>Podcast App – Web (React)</u> Full-featured React app for playing Podcasts on the web. Utilised Redux to separate presentation and actions efficiently as specified in Facebook's design philosophy behind Flux. Written in the modern ES6 JavaScript syntax using babel and bundled via webpack.

Projects

Babel – Web (Tooling)

As part of my initiative to contribute to the OSS community, I twice contributed changes to the babel project helping them for the Babel 7 release. My work included deprecating the jsx pragma feature.

Image Uploader Plugin for CKEditor – Web (Tooling)

Created an open source plugin to upload images for CKEditor a popular HTML5 text editor plugin. Saving our company \$800 for the proprietary plugin offered by CKEditor.

Slingshop – Web & iOS

Designed & developed a bag-selling e-commerce website and iOS app, learned MongoDB, authentication and RESTful API design via JSON.

Sparky – Web & Mobile (Android)

Created a weather information app, the background matching the weather conditions of the location, with the information being presented with exquisite typography. Built using the forecast.io API.

Relevant Coursework

Data Structures, Database Management Systems, Discrete Mathematics, Design of Algorithms, Operating Systems

Certificates

Core Java [A Grade] – HP Educational Services
MongoDB Certification – MongoDB Inc.

Accomplishments

Event Coordinator – IEEE Conference 2014, Greater Noida
Ranked 1st in batch – 1st-4th Year of Undergraduate Program