

Astha Sharma

MS in Computer Science

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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	<p>Bachelor of Technology in Computer Science (2012 - 2016) 82% Galgotias College of Engineering and Technology, Greater Noida, India</p> <p>High School (ISC Board) (2012) 94% Methodist High School, Kanpur, India</p>
Skills	<p>Web frontend – HTML5/CSS/SASS, JavaScript, ES6, React.js, Polymer</p> <p>Web backend – Node.js, nginx, AWS [S3, EC2]</p> <p>Mobile – Android [Java], React Native</p> <p>General – Scala, Java, C, C++</p> <p>Scripting – JavaScript, Python</p>
Research	<p><u>Intelligent Recommendation Engine</u> Ongoing research project, analyzing the construction of a domain agnostic, smart recommendation engine, employing machine learning for learning user behaviors and predicting user actions.</p>
Summer Internship	<p>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 the stdout and web browser.</p>
Projects	<p><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.</p> <p><u>Skill Development Registration – Mobile (Android)</u> Developed an app for providing registration facility to users, who want to undergo Skilled Labor training as offered by the GMR Group.</p> <p><u>Atten – Mobile (Android)</u> Learned to design logic model, to abstract the view and controller using a MVC approach. An elegantly designed app to track one’s attendance, follows Google’s Material Design guidelines. Available on the Google Play Store.</p> <p><u>Slingshop – Web & iOS</u> Designed & developed a bag-selling e-commerce website and iOS app, learned MongoDB, authentication and RESTFUL API design via JSON.</p> <p><u>Sparky – Mobile (Android)</u> 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.</p>

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 Coordinator - IEEE Conference 2014, Greater Noida
Ranked 1st in class - 1st and 3rd Year of Undergraduate Program

Personal Interests Blogging, Badminton, Reading