



# Shruti Sharma

2502A, Sharondale Drive, Nashville, 37215 ☎+1-615-496-3485

Email: [shrutijalewar@gmail.com](mailto:shrutijalewar@gmail.com) Portfolio: [shrutijalewar.github.io](http://shrutijalewar.github.io)

*Developer, Data Enthusiast, Scientist seeking to use her Problem Solving and Analytical Skills to build Applications that impact lives and solve real world problems*

## WEB TECHNOLOGIES AND TOOLS

LANGUAGES	Javascript, Python
MEAN STACK	MongoDB/Mongoose/PostgreSQL, Express/Hapi, Angular, Node
MOBILE	Cordova, Ionic, Responsive Design, IOS, Android
UI/UX	CSS 3, HTML 5, Bootstrap, Less, Sass, jQuery, Phaser
DEV-TOOLS	Version Control- Github, Grunt, Gulp, AWS, Heroku, TDD with Chai/Mocha, Travis-CI, Coveralls

## EXPERIENCE

<b>Nashville Software School:</b> Completed intensive six-month boot camp for software development; Gained experience with front-end, back-end and mobile technologies while building database-driven web applications and games. Collaborated on team projects using Git, produced solo capstones, and developed pair programming skills through test-driven development	2014
<b>Product Development Consultant, NextGxDx Inc:</b> Analyzed the emerging market (est. USD 6 Billion in 2017) for prenatal genetic testing and diagnostics. Presented findings to senior management for business strategy. Curated the scientific, marketing, and product information for consumption by clinical audience.	2014
<b>Research Associate, Vanderbilt University:</b> Identified protein structural dynamics using spectroscopic techniques. Event Director: <a href="#">TechVenture Challenge</a> , a business plan competition at Vanderbilt University. As the <b>Chair</b> provided oversight, organizational plan, and secured funding for a new Gordon Research Seminar, an international conference for " <a href="#">Mechanisms in Membrane Transport</a> " for 2015.	2008 - 2014

## EDUCATION

Ph.D.	Cellular Biochemistry, <i>magna cum laude</i>	Max Planck Institute of Biochemistry, Munich, Germany	2007
M.Sc.	Biomedical sciences	University of Delhi, Delhi, India	2003
B.Sc.	Microbiology	University of Delhi, Delhi, India	2001

## PROJECTS

<b>Tied II Place at HackNashville6 for team NashVesTN:</b> Created a Mobile & Desktop App that helps non-profit organizations increase their community impact by engaging the Millennial Generation. The App utilized the MEAN Stack, Ionic, and Cordova.	2014
<b>Hipsterbay:</b> A modern bartering application built on NodeJS. Worked on UI, Frontend, Implemented User registration authentication and login.	2014
<b>Sugar and Spice:</b> An online cookbook to search recipes using a web API, store links and recipes. The application uses the full MEAN Stack with unit and acceptance testing with Mocha and Chai TravisCI and Coveralls.	2014

## SOFT SKILLS

COMMUNITY	Volunteered for CoderFaire 2014, BarCamp 2014, Nodevember 2014. Participated in HackNashville 6
COMMUNICATION	Presented manuscripts and business plans to colleagues, funding agencies and at International conferences.
TEACHING	Mentored graduate students and lectured graduate students
ADAPTABILITY	Enjoyed work with/in multiple countries, cultures, personalities, and organizations
MANAGEMENT	Managed research assistants, research specialists, collaborators, and students