Shruti Sharma

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Email: shrutijalewar@gmail.com **Portfolio**: shrutijalewar.github.io

Developer, Data Enthusiast, Scientist seeking to build Applications that impact lives

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

Nashville Software School: 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

Product Development Consultant, NextGxDx Inc: 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

Research Associate, Vanderbilt University: Identified protein structural dynamics using spectroscopic techniques. — 2008 - 2014

Event Director: TechVenture Challenge, a business plan competition at Vanderbilt University. As the **Chair** provided oversight, organizational plan, and secured funding for a new Gordon Research Seminar, an international conference for "Mechanisms in Membrane Transport" for 2015.

EDUCATION

Ph.D.	Cellular Biochemistry, *magna cum laude*	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

Tied II Place at HackNashville6 for team NashVesTN: 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

Hipsterbay: A modern bartering application built on NodeJS. Worked on UI, Frontend, Implemented User registration authentication and login. — 2014

Sugar and Spice: 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