Girish Sharma

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Web Developer

{JS;<HTML/>CSS;<PHP?>}

Experience [latest first]

Contribution to Firefox DevTools source code
Spring 2011 to present, India
Actively contributing to Mozilla source code from more than 1.5 years in form of patches mainly focused around Developer tools.

Member of Technical Staff, Innovation Labs, [24]7 Inc
July 2012 to present, Bangalore, India
Working on vast variety of languages and tools including JAVA, JavaScript and GWT.

Google Summer of Code at Mozilla
May 2012 to August 2012, India
Developed a new Developer Tool for Firefox to visually see and debug events happening in the Browser in real time.

Optimizations techniques using GPU
B. Tech. Thesis. Autumn 2011 to Spring 2012, IIT Kharagpur, India
Developed and optimized algorithms to calculate matrix inversion and global stiffness matrix assembly in linear time using CUDA on GPU.

Graphical Timeline of Events
Firefox Add-on. Autumn 2012, Kharagpur, India
A new and innovative developer tool for debugging browser events live.

User Styles Manager
Firefox Add-on. Spring 2012, Kharagpur, India
Manage thousands of user styles to change the appearance of either your favorite website or Firefox itself. Restart-less and feature rich editor.

Add-on reviewer for Mozilla
March 2012 to present, India
Reviewing add-ons and moderating comments along with the AMO team.

Location Bar Enhancer
Firefox Add-on. Autumn 2011, Kharagpur, India
Fully customizable add-on that enhances the location bar of the user for quick and useful web browsing experience.

Other Add-ons
Spring 2011 to present, India
Auto Complete, Sort Tabs Command, Magnifier, Custom Standalone Image Backgrounds

Education

Bachelor of Technology, Civil Engineering, IIT Kharagpur
July 2008 to May 2012, Kharagpur, India; 8.38/10.0 GPA
Focused mainly on computational tools and constantly developing GUI for structural design problems.

Research
Parallel programming
Optimizing algorithms
Dynamic analyses

Positions
Member of Technical Staff, [24]7 Inc
Head, Robotix Winter Workshop, '09
Member, RoboCup, IIT KGP, '09
Head, Team Rangoli, '09-11

Awards
Best student in Computers, '08
Bronze, XANTS, Kshitij '09

Expertise
Parallelization Techniques
Firefox's Developer Tools
Application Development
Mozilla Add-ons

Skills
JavaScript
C/C++/C#
PHP/JSP
CUDA C
HTML 5
MySQL
JAVA
XUL

Tools
Visual Studio
Photoshop
MATLAB
Eclipse

Extra Acad
Basket Ball
Fine Arts
Anime