

Bangalore, India  
560008

# SUPREET PAL SINGH

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[supreetpal.in](http://supreetpal.in)

## EMPLOYMENT

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**Applications Engineer** [Fybr](#) **April 2015 - Present**

- Working on a suite of web applications designed around mapping, data analytics and data viz.
- Three of the apps are compiled to run as native mobile applications using Ionic Framework and Cordova.
- Created a JS build system to support a repository of React components with Webpack, Babel and npm. Currently, in the process of porting all apps from Ionic to pure react components.

**JavaScript Developer** [FusionCharts](#) **March 2014 - April 2015**

- Built an automated testing framework on node.js, for visual and api testing of `FusionCharts Suite XT`.
- Lead a team of 5, for content creation and integration of the documentation with the CI system.
- Developed a system to migrate, store and update around 300\*90 chart options with meta data.

**Software Development Engineer** [uTrade Solutions](#) **Jan 2013 – Jan 2014**

- Implemented visualization for financial data, across 4 products built on Django and Qt by integrating uCharts.
- Built an SVG based charting library for financial markets using JavaScript, namely uCharts.

**Software Developer, Intern** [X.Org - Nouveau](#) **June 2012 – Aug 2012**

- Implemented a scripting engine to achieve safe memory relocking for Fermi architecture based Nvidia GPUs.

## EDUCATION

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**Chandigarh, India** **Panjab University** **2009 – May 2013**

- B.E. in Information Technology, University Institute of Engineering and Technology. Score: 63.56%

**Chandigarh, India** **C.B.S.E** **Till 2009**

- Class 10+2 board examination in non medical science, P.M.L.S.D. Public School. Score: 83.4%
- Class 10 board examination, St. Johns High School. Score: 87.2%

## PROJECTS & OPEN SOURCE CONTRIBUTIONS

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- **Web Design and Development.** I have worked on multiple websites and seen them through initial conception till the final release. Some links can be found at <http://supreetpal.in/Portfolio.html#websites>
- **Beginner's Guide to KDE Development - Book.** The book aims to help and guide developers contribute towards the KDE open-source projects. It was written as a part of 5 member team at Google HQ, California. More about it : <http://supreetpal.in/Portfolio.html#kbook>
- **Read more about my projects :** <http://supreetpal.in/Portfolio.html>

## LANGUAGES AND TECHNOLOGIES

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- **JavaScript;** node.js; AngularJS, Ionic Framework, PhantomJS; JavaScript Infra; Selenium WebDriver; HTML; CSS; Qt; Qml; C; Microcode; Linux Graphics Stack; X-server; git;

## INTERNATIONAL CONFERENCES

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- **X.Org Developer's Conference 2012** - - Nuremberg, Germany : Sponsored Speaker Invite
- **KDE Imaging Sprint 2012**- - Genoa, Italy : Sponsored Developer Invite
- **KDE Academy 2012**- - Tallinn, Estonia : Sponsored Developer Invite
- **GSOC Doc Camp Sprint 2011** - - Google HQ, USA : Sponsored Contributor/ Author Invite