

EMPLOYMENT

Chief Software Architect[Fybr](#)**April 2018 - Present**

- Owner of end to end product lifecycle. Talking to clients, gathering product requirements, setting milestones, running sprints and owning releases. Also the key person behind all technical software decisions.
- Responsible for operations, budgeting and payroll for a team of 11 people.
- Delivered about 15 different product offerings with UI built on React or Angular powered by an engine built on Python, Node.js & Erlang talking to a Postgres db or Google BigQuery. All of this deployed and managed on our private AWS setup or Google cloud.

Project Manager - Applications[Fybr](#)**April 2017 - March 2018**

- Lead the user interface team to build products for smart cities and industrial internet of things.
- Designed the architecture for an end to end composable UI system. Every step of the user interface creation (development, design, branding) was to enable reusability and quick delivery of new UIs.

Applications Engineer[Fybr](#)**April 2015 - March 2017**

- Worked on a suite of web applications designed around mapping, data analytics and data visualisation.
- Developed and maintained a repository of reusable React components.
- Worked on maintaining and migrating apps built using Angular on Ionic to React on Cordova.

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.

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.

PRE - 2013**EDUCATION**

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

- **Bachelor of Engineering** in Information Technology, University Institute of Engineering and Technology.

PROJECTS & OPEN SOURCE CONTRIBUTIONS

- **Nvidia Open Source Driver.** Nouveau is the open-source driver which runs Nvidia cards on your Linux PC. I implemented a scripting engine which would help achieve re-clocking in the geforce 400 chipset based cards.
- **Book Author - Beginner's Guide to KDE Development.** The book aims to help and guide developers contribute towards the KDE open-source projects. It was written as a part of a 5 member team at Google HQ, California. More about it here : <http://supreetpal.in/portfolio.html#kbook>
- **Read about my projects:** <http://supreetpal.in/portfolio.html>

INTERNATIONAL CONFERENCES

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