

# Naval Saini

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I have 10 years of experience in corporate and in startups. I have lead and hired small startup teams and built things from scratch. I mostly work on Nodejs and Reactjs.

## EXPERIENCE

### McKinsey and Co, Poland — Senior Design Engineer

Nov 2017 - PRESENT

I am working remotely (and from Poland) for building an Analytical tool for the energy industry. We follow agile practices and are building a multi-tenant, Analytics & SAAS tool. I work full stack on Nodejs and Reactjs technologies.

### My independent works

July 2016 - PRESENT

[Halfchess](#) is a novel game for improving chess skills while spending lesser time playing. I have done everything in this project – from conceptualizing, to designing an icon, to setting up scalable servers on gcloud. [Yourstory recently covered it, 2017](#).

[Archiejs](#) makes it easier to write modular code in nodejs. It is a great way to divide application complexity into modules with defined boundaries and enables easier mapping to microservice architectures as the app evolves. I gave a talk about it at [JSFoo, 2017](#).

### JioMoney Reliance, Bangalore (India) — Consultant

Nov 2015 - July 2016

[JioMoney](#) is a mobile digital wallet and is has some major investments backing it. I worked on three company projects as a consultant,

[High concurrency buses aggregator](#) for finding and booking bus tickets. Duration: 2 months, Team size: 3, Role: Individual contributor

[Backend for the digital wallet app](#) (a client for core banking system and various app related features like Notifications, etc).

Duration: 3 months, Team size: 5, Tech: SOA, sockets, java play, oracle db, actor system

[Automated BDD testsuite](#) for android and iOS wallet application (2 months). We wrote about 250–300 integration testcases for Android and iOS apps from scratch.

Team lead for 2 developers, Tech: calabash, gerkin, page object model

## SKILLS

Tech: Node.js, Reactjs, React native

DBs: MongoDB, Postgres, Mssql

Process: Gherkin, Cucumber, BDD, TDD, Agile methodologies

Devops: G-cloud, Kubernetes

Misc: Android native, iOS native, Java, C, C++

## TALKS

[Modular services in Nodejs monolith](#), JSFOO, Bangalore, 2017

[My experiments with Chess](#), London node users group, 2018

## OPEN SOURCE

[5 Npm modules](#) used in personal projects

[Archiejs](#) modular backend development

[Github account](#) all repos are created by me or have some contribution

## **Flipflop app, Founder, Delhi — Founder**

2010 - 2015

As a founder, I ran two different companies between 2010-14 – Ededaa and Flipflopapp. Flipflopapp was an IT services company for building web and mobile apps. I had built and mentored a young team of 5 engineers. Our projects are listed in a [gist \(click here\)](#).

## **Qualcomm, Founder, Hyderabad — Customer Engineer**

Feb 2009 - July 2010

In [Qualcomm](#), I worked on customer issues related to audio multimedia and stability. I was a single point of contact in Hyderabad office for any multimedia audio issues on 'Arm 9 + Arm 11' and 'Arm 9 + Scorpion' Qualcomm chipsets.

## **Conexant/NXP, Delhi — BSP Engineer**

Feb 2009 - July 2010

I worked on open source tools and technologies (mainly linux kernel) and BSP development for set-top-boxes. I submitted a patch to Linux kernel community, titled “[O\\_DIRECT patch for processors with VIPT cache for mainline kernel](#)”

## **EDUCATION**

### **SIT, GGSIPU, Delhi — Master of Computer Applications**

July 2003 - July 2006

I worked on some academic papers – Algebraic study of discrete multidimensional signal processing, MCA 3<sup>rd</sup> sem, 2004 (Link: [Academic papers](#))

## **AWARDS**

Independent US Patent in 2013, [A system and method for delivering curated and relevant assets to end users](#)

## **LANGUAGES**

English  
Hindi

## **INTERESTS**

Chess  
Volunteering