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 Engineer*

Nov 2017 - PRESENT

I am working remotely (from India) 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 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 scrath.
Team lead for 2 developers, Tech: calabash, gerkin, page object model

SKILLS

Tech: Node.js, Reactjs, React native, Typescript

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, 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, 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 + Scorpian' 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 3rd 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
Workouts