

Abhishek Gahlot

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Summary - Software Engineer

Education (2011-2015)

Bachelor of Technology (Computer Science), Kurukshetra University, India

Experience

Automatic (Parent of WordPress) (www.automatic.com)

June 2017 - August 2018

- Working on Scorecard. Business analytics tools built on NodeJS, React and Big Data.
- Created and scaled products to millions of users at WordPress.
- Developed amazing collaborative editing plugin for famous editor [Gutenberg](#).
- Handled Bigdata and scaled events to billions of users with terabytes of data.
- Tech stack included : **NodeJS, PHP, ReactJS, MongoDB, MySQL, WebSockets, Hadoop, Big Data etc.**

HackerRank (www.hackerrank.com)

July 2015 - June 2017

- Working on [CodePair](#). Real Time collaborative environment for taking interviews.
- Created real time code editing and code running servers using RethinkDB, NodeJS and WebSockets.
- Built Fast Code Completion server which handles more than 50 millions requests per month.
- Created Web Based IDE and Worked on WebRTC Video integration for CodePair.
- Tech stack included : **NodeJS, MongoDB, MySQL, RethinkDB, WebSockets, Redis, Nginx, Python**

Crypto and Blockchain Projects

CoinScoot (www.coinscoot.com)

December 2017

- Created decentralised crypto exchange for Indian users.
- Ability to use bots and trading algorithm with templating languages.
- Support of bitcoin/ether/bitcoin cash wallets.
- API driven and heavily engineered exchange with lots of cutting edge features.
- Technologies used: **Go, Python, NodeJS, React, MongoDB, PostgreSQL**

Docchain

March 2018

- Docchain is a powerful decentralised application that stores public but verifiable documents online.
- Built for government organizations and universities that have corruption.
- Technologies used: **Python, Ethereum, IPFS, Javascript**
- Uses C3js library to show reports and let users compare website uptime.

BlackBird Trading Bot

June 2018

- Blackbird is both Pattern and Arbitrage trading bot running on lots of clusters.
- Process huge data from all exchanges and twitter for signals and make profit.
- Wrote special algorithms that were developed for specially this bot.
- Technologies used: **Python, GO, NodeJS, SQL MongoDB.**

Other Projects

Cloudtub (www.cloudtub.com)

August 2013

- Cloudtub.com is a cloud storage web application created by me.
- Implementing directory structure virtually for users was challenging task.
- Technologies used: **PHP, MongoDB, MySQL, AngularJS, Laravel, s3ql**

Social Crawler (<https://github.com/AbhishekGahlot/Social-crawler>)

October 2013

- Its unique web crawler that finds social shares of all the valid links.
- **Help webmasters find their popular posts and competitors posts.**
- Built with Python. Uses **Flask and Redis server** to cache result for 24 hours.

Technical Skills

Languages: Python, Javascript, PHP, C, C++, Go, HTML5, CSS, SQL

Frameworks: Flask, Django, Laravel, AngularJS, NodeJS, ReactJS, JQuery, Phonegap, wxPython, CUDA

Databases: Mysql, MongoDB, Redis, CouchDB, RethinkDB

Toolbox: HTTP, TCP, GIT, UNIX, SSH, Nginx, Apache, WSGI, AWS

Continued Education

- **Cryptography, Stanford University (Coursera.com)**
- **Machine learning, Stanford University (Coursera.com)**
- **Heterogeneous Parallel Programming, University of Illinois (Coursera.com)**
- **Discrete Optimization, University of Melbourne (Coursera.com)**
- **Artificial Intelligence, University of California Berkeley (edx.org)**

Public Profiles

StackOverflow : stackoverflow.com/users/1560806/abhishek

Codeforces : <http://codeforces.com/profile/abhishekgahlot> (Competitive Programming Profile)

Github : github.com/AbhishekGahlot

LinkedIn : in.linkedin.com/in/abhishekit

Public Speaking

ScaleConf : <http://scaleconf.org/speakers/#abhishek-gahlot>

DeveloperSummit : <http://www.developermarch.com/developersummit>

GrafanaCon : <http://grafanacon.org/>

WordCamp: <https://wordcamp.org>