

# Akshit Kr Nagpal

Coder · Programmer · Developer

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## Profile

Full Stack **Web Developer** experienced in technologies like **Javascript, React, Redux, CSS** and history of delivering **high-quality code at a fast pace**. An adept programmer and former competitive coder in C++ and Java. Good communicator in **English and Hindi**.

## Experience

### Jitsi.org (Atlassian) - Google Summer of Code'18 Participant

14th May to 6th Aug 2018

Development of **Cross-Platform Desktop App for Jitsi Meet** using Electron.

- Prepared and released **First stable version** by completing multiple features.
- Configured **Continuous Integration** (Travis, Appveyor) for automatic releases.
- Delivered high quality code in **Javascript, React, Redux, Electron**.

### Legex.in - Co-Founder and CTO

Jun 2017

**Legex** aims at providing legal solutions and services at the doorstep at unvarnished prices.

#### View Website

- Defined all the **technical aspects** and implement feasible solution for this purpose.
- Developed a full stack MVP for cloud application using **Laravel** framework.

### Paytm - Intern

4th July to 4th Aug 2016

Created a Subscription Manager using **Struts 2** Framework.

- Created a Web App that consumes data from a Web Servlet using **AJAX**.
- Authentication with Java Backend and **JDBC API** for database access.

## Education

### Cluster Innovation Centre, University of Delhi

B.Tech (IT and Mathematical Innovations)

2015 - 2019

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## Skills

HTML & CSS	●	●	●	●	●	C/C++	●	●	●	●	●
Javascript	●	●	●	●	○	JAVA	●	●	●	●	○
React	●	●	●	●	○	Electron	●	●	●	●	○
Redux	●	●	●	○	○	Android	●	●	●	○	○
PHP	●	●	●	●	○	React Native	●	●	●	○	○
Laravel	●	●	●	○	○	MySQL	●	●	●	●	○
NodeJS	●	●	○	○	○	MongoDB	●	●	●	○	○
Express	●	●	●	○	○	MATLAB	●	●	●	○	○
Magento	●	●	●	○	○	Mathematica	●	●	○	○	○

## Projects

### **AuthAPI** ( ExpressJS + MongoDB ) [Github](#)

Minimal Authorization API using JWT tokens for bootstrapping REST API development.

### **QwikCheck** ( Android + PHP + MySQL ) [Github](#)

Implemented a proof of concept for new traffic challan system using QR codes.

### **ChessAI** ( NodeJS ) [Github](#)

Finds the best possible move for current chess board using depth-limited minimax algorithm.

### **Sockets** ( C++ ) [Github](#)

Implementation of Socket's server and client supporting multiple simultaneous connections, file transfer as a stream, and remote command execution.

### **Image Morphing** ( MATLAB ) [Github](#)

Implementation of Image Morphing Techniques and generate different effects on given image.