



# Aman Lodha

Full Stack Web Developer

Looking for a challenging role in a reputable organization which provides a collaborative and intellectually stimulating experience where my technical, and management skills can be employed for the growth of the organization.

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Karnataka, India

## COMPUTER LANGUAGES

Java, Javascript (& node.js)

## SKILLS & TOOLS

Express.js

MongoDB, PostgreSQL

Bash Scripting

Docker Swarm, Travis CI

Git Version Control

Vue.js, Svelte

React Native

Webpack & Babel

Progressive Web Apps

Nginx, LetsEncrypt, Certbot

Glitch, Surge

## WORK EXPERIENCE

### IamRapid

Backend & DevOps Developer

(Jan 2020 - Present)

Platform to onboard customers and vendors interested in trading 3D printing products.

**Stack:** Node.js (Express), MongoDB, Nginx, Linux, LetsEncrypt, Certbot

**Deployment:** Docker Swarm, AWS Services such as EC2, S3, EBS, EFS, SES, IAM, Lambda, Auto Scaling Group, Route53, API Gateway

**3D printing s/w:** Cura Engine, Admesh, Tweaker-3

**Other** Puppeteer, Google OAuth2.0, Markdown

**Link:** \*Currently in testing phase

### SkillMithra

Full-Stack Web Developer

(Jan 2019 - Present)

One-stop solution for undergraduate students to become industry ready.

**Frontend Stack:** HTML, CSS, JS, Webpack, Bulma, Semantic UI, jQuery

**Backend Stack:** Node.js, MongoDB, Nginx, Apache2, Linux, LetsEncrypt

**Other:** Python3 (web scraping), Google OAuth2.0 (SSO integration), Docker & Docker Compose (Coding platform),

**Modules Built:** Codework, Aptitude Engine, Resume Builder, Job Feeder

**Responsibility:** Core Team Member. Frontend for all modules, Backend for aptitude engine and codework

**Link:** <https://skillmithra.com>

## EDUCATION

### Dayananda Sagar College of Engineering

Computer Science & Engineering

8.91 CGPA

(August 2017 - Present)

### Sri Bhagawan Mahaveer Jain College

2nd PUC - PCMC

94.50 %

(May 2016 - June 2017)

### St. Joseph's Pre-University College

1st PUC - PCMC

92.40 %

(May 2015 - June 2016)

### Carmel High School

10th ICSE

91.17 %

(June 2006 - April 2015)

## LANGUAGES

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|         |       |
|---------|-------|
| Hindi   | ★★★★★ |
| English | ★★★★  |
| Kannada | ★★★★  |

## ACHIEVEMENTS

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### Amex Hackathon 2019

Top 12 out of 3876+ teams

Quantum Encrypt - A solution to future proof our transport layer protocol against quantum computers by using autoencoders.

### HashCode 2019 - Microsoft Innovation Lab

Top 10 out of 300+ teams

HealthHack - We built a system and a companion app to enable quick and easy health diagnostics anytime, anywhere.

<https://github.com/AmanL04/health-app-hashcode>

### Backend Developer Badge

Devfolio | 1 Attempt

### Frontend Developer Badge

Devfolio | 2 Attempts

### Mr. Carmel 2015

Carmel High School, Basaveshwarnagar

### Edinburgh Science Festival

Invited after winning SciFiCa 2013

<https://www.facebook.com/Spiderobottherobot/>

## CO-CURRICULAR ACTIVITIES

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### Global Volunteer to China

AIESEC | 21 June 2019 - 08 August 2019

Tutoring English and imparting Indian Culture to students in Suzhou and Beijing. Designed a training program for the self-sustenance of summer camps in the future

### Team Lead, MIL@DSCE

Mobile & Web Innovation Lab | August 2019 - January 2020

Organised workshops, seminars and hackathons on mobile and web technologies

### TEDxDSCE

Technical Team | August 2019 - Present

POC to provide technical assistance to the TEDxDSCE Team. My responsibilities extended to building & maintaining services such as website, email, and entry-pass mobile app

## PROJECTS

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### URL Shortener

A feature-rich url shortener to help determine the traction of the various URLs and hence it's associated event(s).

<https://s.dsce.in/>

### ChatBox

A chat application built using Java 8. It's a throwback experience to all the late 90's and early 2000's internet users.

<https://github.com/AmanL04/ChatBox>

### Slack Coffee

Matches 2 members of the Slack Organization for a cup of coffee! A SaaS solution for HR.

<https://github.com/AmanL04/slack-coffee>

### Water Leakage Detection System

Detect water leakage from water storage solutions, using an ultrasonic sensor, a NodeMCU, a water pump motor, & a Relay (5V)

<https://microprocessorlabproject.web.app/>

## DECLARATION

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### Place

Bangalore

### Date

9 June 2020