

# ADARSH PANDEY

I am a Software Engineer having deep interest in producing and designing quality code with a range of side projects. I have a solid foundation in data structure & algorithms, frontend and backend development.



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## EXPERIENCE

- Software Development Engineer - I** 06/2021 - present  
Zeta Suite (Directi) - Bangalore, India
  - Working on backend system of a custom deployment product used in-house to deploy a dynamic set of services in one click on any cloud infrastructure.
  - This automatic deployment system reduces issues like inter team dependency, incidents, issue tracking, status management, etc and completes a manual task of 1-1.5 months automatically in hours.

Golang Docker Kubernetes CI/CD Pipelines PostgreSQL AWS
- Software Engineer - Full Stack** 10/2020 - 06/2021  
GeoSpoc (Now an Ola company) - Pune Office
  - Worked on backend system in a project for a US based client Syngenta to develop a dashboard for managing & operating their geo assets and reduce production cost.
  - Worked on a in-house GIS tool from scratch and developed different apis, database design, flow control design, CI/CD pipeline and deployment tools.

TypeScript Nest.js Express JS NodeJS PostgreSQL Github Actions Docker CI/CD
- Software Developer - Full Stack - Freelance** 08/2019 - 08/2020  
Exeliq Tech Solutions Pvt. Ltd. - Delhi NCR
  - Worked on projects including API development, Backend & Frontend development.
  - Developed cross - platform MEAN stack website with admin panel to modify website using UI application.

NodeJS Angular Express JS HTML/CSS MongoDB AWS

## PERSONAL PROJECTS

- Stocks portfolio tracking backend apis**
  - This application is a mock for portfolio tracking in trading systems.
  - Various actions can be performed like SELL, BUY, list your holdings, list all transactions, etc.

NodeJS ExpressJS MongoDB AWS-EC2 Typescript
- Video surveillance for Delhi police**
  - A criminal detection system for public places.
  - Images transfer from public places to police control room.
  - Image processing and Deep learning to capture, identify and recognize faces.

Python AWS Deep Learning IoT OpenCV
- Weekly events planner - Integrated with google calendar events**
  - A weekly event calendar to check available slots in weekends and weekdays.
  - We can choose timeslot for which we want to show available slots.
  - We can sync our google calendar events using authentication.

ReactJS NodeJS
- Bus booking backend api system**
  - Booking / cancelling ticket for seat.
  - View booking status, all available seats and all booked seats.
  - System reset By admin, Hosted at EC2.

NodeJS ExpressJS MongoDB AWS-EC2

## EDUCATION

**B.tech in Electronics & Communication**  
Ajay Kumar Garg Engineering College, Ghaziabad  
Score - 80.3% 08/2016 - 09/2020

**Intermediate - PCM | CS (CBSE)**  
Kendriya Vidyalaya Raebareli, Raebareli  
05/2014 - 04/2015

## SOFTWARE & TOOLS

### Coursework & Languages

C/C++ Python Java Go  
Data Structures Algorithms Databases  
Object Oriented Design Relational Database  
Internet of Things (IOT) Image Processing  
API Development Distributed Systems

### Frontend

Angular React Javascript HTML/CSS  
Bootstrap

### Backend & Database

NodeJS ExpressJS PostgreSQL  
MySQL MongoDB

### Tools & Services

Amazon Web Services CI/CD Pipelines  
Git Linux Github Actions OpenCV  
Heroku VS Code Docker Kubernetes

## CODING PROFILES

codeforces /coderpen  
leetcode /coderpen  
geeksforgeeks /coderpen  
codechef /aadipandey4141

## ACHIEVEMENTS

**Under 300 - Coding Contest (All India)**  
Organized By InterviewBit - Academy Entrance

**Gold Medal - World Robot Olympiad 2018**  
Organized By India Stem Foundation

**Rank 1 - Code The Interview Cake**  
Organized By Software Incubator

**Round 1 Qualified - CodeVita 2019**  
Organized By TCS

**Round 1 Qualified - HackWithInfy 2019**  
Organized By Infosys

**Rank 6 - Robocon 2018**  
Organized By Doordarshan India