

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, backend and scalable systems design.



+353-894136328
adarsh.myinbox@gmail.com
www.pandeyadarsh.com

EXPERIENCE

- Software Development Engineer - II** 09/2022 - present
AWS (Redshift) - Dublin, Ireland
 - Designed and implemented an internal console, comparable to the AWS interface, empowering on-call engineers to swiftly identify and address issues in customer clusters. Achieved a 90% reduction in latency compared to the previous console.
 - Worked on security projects covering whole Redshift, spearheading the development of an end-to-end testing framework. This initiative resulted in a remarkable 90% time savings for engineers per release.

Python JavaScript ReactJS GraphQL Java PostgreSQL AWS Automation
- Software Development Engineer - I** 06/2021 - 09/2022
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 - Deep learning & Image processing**
 - 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
- 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 | Computer Science
Kendriya Vidyalaya Raebareli, Raebareli
05/2014 - 04/2015

SOFTWARE & TOOLS

Coursework & Languages

C/C++ Python Java Go GraphQL
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