

ADARSH PANDEY

Experienced Software Engineer with a passion for designing scalable and distributed system architectures. Adept at developing robust, high-performance solutions and driving innovation in complex technical environments.

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EXPERIENCE

- Amazon Web Service (Redshift) - Dublin, Ireland** 26/09/2022 - present
Software Development Engineer - II
 - Spearheaded the design and implementation of a new instance release process for Amazon Redshift, successfully reducing the release cycle from a month to just one day. This significant improvement streamlined operations, enhanced efficiency, and accelerated time-to-market for new features and updates.
 - 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
- Zeta Suite (Directi) - Bangalore, India** 28/06/2021 - 16/09/2022
Software Development Engineer - I
 - Designed and developed 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.
 - Designed and implemented APIs for core banking ledger functionality, ensuring availability and consistency for our clients.

Golang Docker Kubernetes CI/CD Pipelines PostgreSQL AWS
- GeoSpoc (An Ola company, biggest cab company in India)** 10/2020 - 06/2021
Software Engineer - Full Stack
 - Worked on backend system in a project for a US based client 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
- Exeliq Tech Solutions Pvt. Ltd. - Delhi NCR** 08/2019 - 08/2020
Software Developer - Full Stack - Freelance
 - Worked on projects including API development, Backend & Frontend development.
 - Design and 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

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

leetcode [/coderpen](#)
portfolio [pandeyadarsh.com](#)
github [/coderpen-me](#)
geeksforgEEKS [/coderpen](#)

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
- Qualified - CodeVita 2019**
Organized By TCS
- Qualified - HackWithInfy 2019**
Organized By Infosys
- Rank 6 - Robocon 2018**
Organized By Doordarshan India