

Avi Lad


Software Engineer

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Profile

Software Engineer, Computer Enthusiast, Problem Solver and Leader. Interested in working in fields of Software Development, Product Engineering, Web and App Development, Finance and want to build my career in these fields. I am not limiting myself to any programming language or tool and I am open to work with different technologies. Currently working as Software Engineer L2 at OpsHub Inc. Want to innovate and aid in the ever growing quest of building a smarter and advance world. Served as a programming tutor to peers. I am also geeked about financial markets.

Education

Pandit Deendayal Energy University 
Bachelor of Technology(B.Tech.) in Computer Engineering
CGPA : 9.6/10

2017 – 2021
Gandhinagar, India

Vallabh Ashram [CBSE]
12th Grade [Physics, Chemistry, Maths, Computer Science, English]
Percentage : 92.8%

2017
Valsad, India

Experience

OpsHub, Inc.

Software Engineer L2

Oct 2022 – present
Ahmedabad, India

- Responsibilities, in addition to that of Software Engineer, include leading in designing new solutions for the product and mentoring new engineers to understand the product and solving issues related to development.

Software Engineer

May 2021 – Sep 2022
Ahmedabad, India

- Worked using Java, Angular, TypeScript, Hibernate, Apache Ant, MySQL, MSSQL, Oracle DB, Izpack, selenium, siquli.
- Worked in agile environment, solving customer bugs and feature requests in the OIM product.
- Enhanced the existing code for different connectors, moving code to new framework, improving UI data loading using SQL views.
- Helped supporting new systems for integration in the product.
- Helped in developing and implementing features like Event-Detection, Inline User-Mention, Delete Event handling job and enhancing UI to support these new features.
- Developing and enhancing automation tests for the product, including adding automation for different scenarios of integration of ALM systems and installation and UI navigation of the product.

Software Engineer Intern

Jan 2021 – May 2021
Ahmedabad, India

- Learned about concepts of integration and migration of data, using the OIM software for different ALM systems and overview of the codebase.
- Worked in java based environment to solve customer bugs and enhanced code related to API parsing, data storage and processing.

ORSP, PDPU

Nov 2019 – Apr 2020
Gandhinagar, India

Web Development Intern

- Integrating Scopus and Web of Science Data into University Website using APIs.
- Designed and developed new pages for the Website.

ShopX

Aug 2018 – Dec 2018
Ahmedabad, India

Android Developer

- Designed and developed the android app for the e-commerce start-up at initial level.

Languages - Skills - Tools

C++

Java

Python

C

SQL

JavaScript

NodeJS

Angular

Git

Android Studio

Bootstrap

HTML

CSS

Machine Learning

NLP

Tensorflow

Keras

Scikit-Learn

OpenCV

Social Network Analysis

Projects

Poem Generator using Stacked LSTM

- Used Stacked-LSTM Model to Train poems of prominent Medieval English Poets using Keras.
- It generates a poem upto a certain level of understanding and meaning relating to the poetic style of Medieval English Poets based on Seed Text Input.

Voice Based Smart Home

- Using Raspberry Pi and Relays integration at switch boards, created a smart home system using the home WiFi network and using mobile voice input to R-Pi to initiate ON/OFF of the particular appliance.

Music Streaming over Local Area Network

- Used Python Socket Library
- Stream music over a LAN without connecting to Internet
- It uses a Client-Server model to deliver music

Database Management System for Incubation centre

- Created Database Management system for Incubation center using SQL

Courses - Certificates

Natural Language Processing in TensorFlow - Coursera

Intro to TensorFlow for Deep Learning - Udacity

Android Basics - Udacity

Social Networks – NPTEL (IIT-Madras)(Gold Medal)

Programming, data structures and algorithms using Python – NPTEL (IIT-Madras)(Gold Medal)

SQL – Statement of Accomplishment by Stanford University

Volunteer/Other Work

Encode - The Computer Science Club of PDEU

Vice President

Jul 2019 – Jul 2020

Gandhinagar, India

- Organized Workshops and Competitions related to Programming, Alexa, Web/APP development, Competitive coding competitions.
- Taught peers programming and held discussions on different topics in technology and computer science.
- Leading and supervising a team of 25 tech-students.

Umiya Social Trust (NGO)

Volunteer

Jun 2018 – Jul 2018

Valsad, India

- Teaching Rural Students about basics of Computer and Maths.
- Volunteering for events like blood donation camp and saplings plantation organized by the NGO.