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, 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 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.

💼 Experience

OpsHub, Inc. ⧉

Software Engineer

May 2021 — present | Ahmedabad, India

- Worked in a Java based environment in the product based company to add new features to the product, enhance the existing code for different connectors, moving code to new framework, adding new DB connection feature, solving bugs, adding automation for different scenarios of integration of ALM systems and the installation of the product.
- Worked using Java, Angular, TypeScript, Hibernate, Apache Ant, MySQL, MSSQL, Oracle DB, Izpack.

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 added new features related to API parsing, data processing and other unexpected product behavior. Added and enhanced automation related to the fixes.

ORSP, PDPU
Web Development Intern

Nov 2019 — Apr 2020 | Gandhinagar, India

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

ShopX
Android Developer

Aug 2018 — Dec 2018 | Ahmedabad, India

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

🏠 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.

🎓 Education

Pandit Deendayal Energy University ⧉
Bachelor of Technology(B.Tech.) in Computer Engineering
2017 — 2021 | Gandhinagar, India
CGPA : 9.6/10

Vallabh Ashram [CBSE]
12th Grade [Physics, Chemistry, Maths, Computer Science, English]
2017 | Valsad, India
Percentage : 92.8%

🧠 Languages - Skills - Tools

C++   Java   Python   C   SQL

JavaScript   Node.JS   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