



AMRITESH ANAND

SENIOR SOFTWARE ARCHITECT

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PROFILE

- Currently working in HomeLane as a senior software engineer. A VR based platform for home interiors.
- Co-founded www.frulix.com, a web platform to create VR content.
- Experience of working in the complete Software development life cycle involving development, documentation, unit testing and maintenance.
- Ability to work well in both a team environment and individual environment.
- Strong analytical, Problem solving and Result oriented skills.
- Capable to delve into the new leading Technologies.

SKILLS

Programming Languages:

React.js & ES6+

Node JS

Google cloud, AWS, docker

ThreeJS - Very Solid experience on 3D graphics systems and building highly scalable graphics software.

Testing - Jest

Python

C#, .NET

HTML, CSS and SCSS

Competitive Coding & Algorithms - 5th world rank in ALGOTHIKA 2012, 25th in IIT Roorkee coding competition, 33rd in IT-BHU coding competition.

Google Adwords and Analytics

Support Vector Machine, ML

MySQL and MSSQL

EDUCATION

**BE COMPUTER
ENGINEERING**

NITK, Surathkal (2009 - 2013)

SSC & HSC

DELHI PUBLIC SCHOOL, Dhanbad, Jharkhand

CBSE XIIth 85%, May 2009

CBSE Xth 88%, May 2007

EXPERIENCE

SENIOR SOFTWARE ENGINEER

HomeLane (August 2019 - present)

Technology - ReactJS, NodeJS, THREEJS, AWS

- Was instrumental in developing a web based application for designing home interiors in a VR environment.
- Addition of advanced rendering, movement, rotation, lights, zone visualization, material manipulation, etc.
- Solutions for auto scaling and 2D measurements of assets.
- Involved in the complete life-cycle of requirement gathering, development and delivery of the product.

CO-FOUNDER

Frulix (September 2016 - August 2019)

Technology - ReactJS, NodeJS, THREEJS, Firebase

- Built VR platform from scratch along with founder team. One can have a look at www.frulix.com
- Frulix is an angel-funded company and working towards creating web-based VR/AR creation platform.

CONSULTANT, INDIGO,CANADA

Indigo website (Jan 2019 - April 2019)

Technology - ReactJS, JavaScript, Python

- Infosys project to port ASP.NET website to React based on ESI implementation.
- Extensively wrote jest tests for all the modules.

REACTJS MENTOR AND REVIEWER

Udacity (October 2017 - October 2018)

Technology - ReactJS

- Mentoring courses for ReactJS courses on Udacity's online learning platform.
- Job role includes suggesting the best possible learning methodologies for these courses to Udacity's core course designer teams.

CO-FOUNDER, MENTOR

CodeSlash (Aug 2018 - October 2018)

Technology - ReactJS, JavaScript, Python

- Has resulted in the successful training and placement of many engineers into various companies across India.
- Role as co-founder was primarily to train engineers on ReactJS and JS based full stack.

REACTJS MENTOR

MOUNTBLUE.IO (May 2018 - July 2018)

Technology - ReactJS, Python, Django

- Mentored students on python+javascript. Had mentored them on Git, HTML/CSS, Python, Django, JS and React. Took session on various topics from algorithm complexity to software architecture. Helped build full stack websites.

SOFTWARE ENGINEER

TRAVELYAARI (December 2014 - September 2016)

- Bus ticketing + Travel packages selling website. Real-time inventory management (GDS) back-end development in python & C#.

SOFTWARE ENGINEER

INTEL SECURITY (July 2013 - December 2014)

- Malware Detection specialist.
- Worked on a cloud based product development platform for automated malware detection. Implemented machine learning algorithms for clustering malware samples in constant time.
- Responsible for developing and maintaining automation scripts for monitoring McAfee's specific cloud based server platforms.