
Aanand Vardhan

Computer Science Engineer

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SKILLS

- Fluency in Python, Java and C++
- Machine Learning (Tensorflow)
- UX/UI Design
- Data Science (R and Python)
- Hardware Software Integration
- Software Lifecycle and Development Processes
- Laravel, Ionic and React

EXPERIENCE

Globus Eight, Gurugram - *IP Specialist, Part Time*

November 2015 - January 2018

- Developing mobile applications for the IOT environment and services.
- Integrating and developing elements of the IOT model to be implemented in real time applications.

Sattva Care, Gurugram - *Volunteer, Part Time*

January 2017 - July 2017

- Web development and administrative automation.
- Setting up and developing the website and administrative portal.
- Setting up a private cloud server for internal use for the organisation.

INTERNSHIP

Globus Eight, Gurugram - *Software Developer*

NOV 2013 - JAN 2014

- Training for Android Development.
- Working in the Tasker and Autoremove environment to create a mobile networked system for the implementation of IOT

PROJECTS

Autonomous Pollution Surveillance Drone - *Software/Hardware Integration*

JUL 2017 - MAR 2018

- Autonomous collection of Volumetric Pollution Data.

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- Data Processing and Analysis deployed to a website, providing the data free for all.

OBDII Tool - *Software/Hardware Integration*

JUN 2016 - DEC 2016

- Developed IOT Solutions for vehicle systems.
- Created a smart learning tool for diagnosing vehicle dynamics.
- Data preparation for Fleet Management and vehicle breakdown prediction.

Craftbreja - *Software Design and Development*

OCT 2016 - FEB 2017

- Development and deployment of an E-commerce and Crowdfunding application for a beer brewing company in Brazil.
- Complete Software Lifecycle designing and version control setup.
- Application developed using AWS and Ionic.

Team Alacrity - SAEIndia Supra - *Software/Hardware Integration*

APR 2016 - SEP 2016

- Design and Race competition to build a student formule vehicle.
- Designing and development of the Chassis using SOLIDWORKS.
- Designing the Electronics Systems using TinyCAD

Team Alacrity - Quad Torc - *Software/Hardware Integration*

JUN 2015 - FEB 2016

- Competition of building and testing an off road ATV.
- Designing and development of the Chassis using SOLIDWORKS.
- Designing the Electronics Systems using TinyCAD

KTANE Helper App - *Software Development*

JUN 2016 - JUL 2016

- A voice assistant application that provides solution to the game KTANE.
- An Android application made using the Android SDK

EDUCATION

University of Stuttgart, Stuttgart - *M.Sc in Computer Science*

APR 2019 - Present

NorthCap University, Gurugram - *B.Tech in Computer Science Engineering*

AUG 2014 - MAY 2018

The Shri Ram School Aravali, Gurugram - *ISC*

APR 2011 - MAR 2013

The Shri Ram School Aravali, Gurugram - *ICSE*

JAN 2009 - MAR 2011

CERTIFICATIONS

Coursera - *Machine Learning Specialisation*

- 4 Course specialisation taught by the University of Washington.

MAR 2018

Max Mueller Bhavan - *Goethe Zertifikat A1*

- A1 German language proficiency.

June 2018

FOSS - *PHP Basics*

- Basics of PHP for beginners.

November 2014

INTERESTS

Music - *Guitarist and Singer*

- Performed professionally in a band for the Westin Hotel and Resort for 1.5 years.
- Performed at TedX for cultural music awareness.

Sport - *Football*

- Played in multiple Semi-professional leagues
- Part of the College team.

Sport - *Basketball*

- Part of the College team.

Motorsport - *Rally and Track*

- FMSCI Individual Entrant Licence for track and rally use.