Prithviraj Kadiyala

Lead Software Developer

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Personal Website
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Lead Software Developer with 12 months experience at a non-profit organization named KIPR while understanding key features of Business approach towards commercializing product. Looking to utilize Software Development, Time management and Team Leading skill in the position of Software Development Engineer.

Skills

Python, mySQL, AJAX, JavaScript, Flask, C++

Matlab, Git, R, Linux, C, HTML, CSS

Algorithm Analysis, Hardware Design

Education

Aug 2016 - Dec 2018

M.S in Electrical and Computer Engineering | University of Oklahoma

Courses: Database Management Systems, Algorithm Analysis, Applied statistical methods, Image Processing

Aug 2012 - May 2016

B.Tech in Electronics and Communication Engineering | BVBCET

Courses: C, Data Structures, Object-Oriented Programming, Automotive Electronics

Experience

Feb 2019 - present

Lead Software Developer (Kiss Institute for Practical Robotics)

- Develop Software Application for the new Controller as a part of new Product release in July 2019.
- Increasing the efficiency of the controller by 200%.
- Challenge and Implement new features that will help students think and create better solutions.
- Create and improve Libraries for more modular design.

Technologies Used: Python, Linux, NodeJS, C++, Qt, HTML, php.

Aug 2016 - Dec 2018

Graduate Research Assistant (OU)

- Design and develop Full-stack Website leading a team of 5 at *US Department of Agriculture*.
- Proposing, Developing and Testing solutions based on the interactions with Animal Scientists and Veterinarians.

Technologies Used: Python, JavaScript, AJAX, REST-API, mySQL, postgreSQL, Flask, React.js

Jul 2015 - May 2016

Undergraduate Research Assistant (BVBCET)

2. Performance analysis of ECU without and with CAN using CANlyzer tool.

3. Interfacing and Configuring the CAN based ECU for different vehicular applications.

Jun 2015 - May 2016

Intern (Bored Bees Pvt Ltd)

- Learn to Develop Applications for Android Market using Java, Android.
- Learn the basics of Object-oriented programming, Data Structures and Algorithms Designs.

Publications

Feb 2016

R. B Shettar, Ramakrishna Joshi and **Prithviraj Kadiyala**, *Performance analysis between CAN based ECU and normal ECU*, 6th IEEE International Advance Computing Conference (IACC-2016)

Jul 2015

Prithviraj Kadiyala, Rohit M G, Sachin Kodliwad, Prof. Arun L. Kakhandki, *Intelligent Automatic Braking System*, Indian Technology Congress (ITC 2015)