

V.B.Vineeth Reddy

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EDUCATION	<p>Bachelor of Technology (B.Tech.) in Computer Science and Engineering National Institute of Technology Karnataka, Surathkal, India Aug 2014 – Present</p> <ul style="list-style-type: none">■ Cumulative GPA: 8.52 / 15 (Dec 2016) <p>Joint Entrance Examination (Main) Apr 2014</p> <ul style="list-style-type: none">■ Score: 256 / 360 (Top 0.09% among 1.4 million students) <p>Pre University (P.U.)</p> <p>Vijaya Ratna Junior College, Hyderabad, Telangana Jul 2012 – May 2014</p> <ul style="list-style-type: none">■ Score: 976 / 1000 (97.6%)■ Centum in Physics, Mathematics <p>Secondary School</p> <p>Kotak Salesian School, Chinna Waltair, Visakhapatnam, Andhra Pradesh Jun 2009 – Apr 2012</p> <ul style="list-style-type: none">■ Score: 655 / 700 (93.57%)(Topper of the school)■ Centum in Mathematics
TECHNICAL SKILLS	<p>Languages: C, C++, Java, PHP, Python, HTML</p> <p>Tools: STL, Git, \LaTeX, MySQL</p>
EXPERIENCE	<p>Summer Intern in Advance Systems Laboratory (ASL), DRDO Hyderabad</p> <p>Project - IT Asset Requisition Portal</p> <p>Implemented an online portal for the employees to submit their issues regarding all the IT assets. The portal is designed to filter all the complaints, thus reducing the load on the IT help desk. The software was developed using PHP, MySQL, JS, JQuery. May 2016 – Jul 2016</p> <p>Summer Intern in Hindustan Petroleum Corporation Limited (HPCL), Visakhapatnam</p> <p>Analysis of networking properties of core switch, router and servers. Also involved in the study of the implemented network security protocols. May 2015 – Jul 2015</p>
RELEVANT COURSES	Data Structures and Algorithms, Design and Analysis of Algorithms, Computer Networks, Operating Systems, Theory of Computation, Computer Organization and Architecture, Software Engineering, Database Management Systems, Compiler Design, Computer Graphics, Distributed Computing
PROJECTS	<ul style="list-style-type: none">■ Tyre Pressure Classifier: Implemented Machine learning algorithms for comparative study of Neural Networks, Random Forest, AdaBoost classifiers on tyres, to check if they have optimum pressure or not.■ Colorify: A real time application that can used to identify the colors around you. It is mainly designed to aid color blind people in distinguishing the intricate colors.■ WebLock: A chrome extension to provide an extra layer of protection to the browser. It helps prevent any kind of bot attacks on an inactive browser, by closing it after a particular inactivity time period.■ NITK student council website: Part of the college team that built the website for managing all the student council affairs of the institution. Tools used to build the website are Django, Python, HTML, CSS.■ Restroom and Dustbin Finder: Built an android app which locates the nearby restroom or dustbin based on the users need. This is built using ionic framework and with the help of Google maps API.■ Priority Inversion Problem: Solving priority inversion problem using priority donation in Pintos by modifying the kernel threads.
ACHIEVEMENTS	<ul style="list-style-type: none">■ Ranked 604 ACM-ICPC Amritapuri First Round Online Contest 2015 out of 1572 team■ Ranked 756 in EpicCode CodeSprint 2015 out of 5881 participants■ Student Pupil Leader in 10th standard during Secondary School
SPORT PROGRAMMING	<ul style="list-style-type: none">■ Codechef : harryvineeth, solved 85 problems■ Spoj : harryvineeth, solved 54 problems■ Hackerrank : harryvineeth, Rating : O(n)
ACTIVITIES AND INTERESTS	<ul style="list-style-type: none">■ Institute of Engineers (IE) , NITK Student Branch, Executive Member Aug 2015 – Present■ Competitive Programming, Cricket, Photography, Gaming, Cycling, Reading

