V R S S Suryavamsi Tenneti

Contact Information

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Objective

I am seeking a competitive and challenging environment where I can serve your organisation and establish an enjoyable career for myself.

Academic Interests

Programming Languages, Algorithms, Data Structures, Web Development, Android Development.

Education

Indian Institute of Information Technology Kalyani, West Bengal, India.

B.Tech in Information Technology, 2014-2018(Expected)

9.1 CGPA(up to 6th semester)

Joint Entrance Examination 2014

Rank: 29941

Andhra Pradesh Board of Intermediate Education

Intermediate: 2012-2014

Percentage: 96.5%

Technical Skills

Programming Languages: Java(SE & EE), Python(beginner), C++

Android Programming

Web Technologies: HTML5, CSS, Bootstrap, jQuery, JavaScript, AJAX, PHP7.

Web Frameworks: JSP, JSF, Hibernate ORM, Spring (Core & MVC), AngularJS

Github: https://github.com/Surya97

Programming Skills

Codechef: suryavamsi, https://www.codechef.com/users/suryavamsi

HackerEarth: suryavamsi8, https://www.hackerearth.com/@suryavamsi8

Hackerrank: surya8, https://www.hackerrank.com/surya8

InterviewBit: suryavamsi_iiitk, https://www.interviewbit.com/profile/suryavamsi_iiitk

Achievements:

- ACMICPC-2016:
  Contestant at 2016 ACM-ICPC Asia Kolkata Regional Contest.   Team: Dark
  Horse, rank: 40, Honorable Mention
  Contestant at 2016 ACM-ICPC Asia Amritapuri Multisite Regional Contest Team:
  Dark Horse

  ICPCID: https://icpc.baylor.edu/ICPCID/W3AR1QGFR6PB

- Introduction to Programming in C NPTEL certification.
- Placed 2nd in Kharshan Smart city hackathon.

Projects

1. College website (ongoing)
   - Prepared some front-end part along with some students.
2. An online notes app
   - This has a user login and registration option.
   - This application stores notes of user online
   - This application is built using PHP, MySQL and front-end technologies.
3. Core Banking System Application (ongoing)
   - Designed the database for online banking part.
   - This application is being built using Spring MVC framework, Hibernate ORM and using Oracle database.
4. Speed reader app for iOS and Android using jQuery mobile
   - Used jQuery mobile to build an app which reads a book.
   - This can work on both Android as well as iOS platforms.
5. Ecommerce Website (ongoing)
   - This is an extended version of the Books store application which was built earlier.
   - In this, we can not only purchase books but also other items.
   - There is an option for user login and registration.
   - The shopping cart details are sent to the user via mail.
   - There is also a provision for real-time tracking of the order based on the order number generated by the database (used a sequence to generate it).
   - Technologies used are Spring MVC, Hibernate ORM, Java Mail API, SQL(Oracle 11g XE database)
6. Books store web application
   - This is a small scale web application for purchase of books.
   - User can add, delete items from cart, place an order and view the status of the order
   - An order confirmation mail is sent to the user. For this purpose, H-mail server is used as mailing server.

- There is an admin/seller application also where the items are added to the store's database.
- Technologies used are JSF, Java Mail API, JSON and front-end technologies.

7. Car sharing web application (ongoing)
   - This is the major project I am working on. This uses Google Map API.
   - The main concept of this web application is on a particular route if more than one passenger travels and there is an option for sharing the ride, users can avail the option.
   - Presently I am considering that users just input the source and destination of their ride not the live GPS tracking of users. I am thinking of adding this feature later.
   - Technologies used are PHP, JSON, Google Map API and MySQL

8. Python compiler design (ongoing)
   - Completed the lexical analysis part of the design using FLEX
   - Using YACC for parsing.

Previous internships

Web developer intern at Healthwize Solutions, Mumbai

- I have built a fully functional web application and developed some health care diagnosis algorithms.

Positions at college

Coordinator of coding club Algoholic

HackerEarth campus ambassador (mid 2015-present)

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