

Deepak Siyal

Software Engineer in Paytm, Masters from IIIT Bangalore

Interested in Distributed Computing, Data Science and Code Optimisation

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Education

Class	Board	Marks
M. Tech., Information Technology	International Institute of Information Technology Bangalore	3.46/4
B. Tech., Computer Science Engineering	Maharana Pratap University of Agriculture and Technology	76.20
12 th	Central Board Of Secondary Education	86.60
10 th	Central Board Of Secondary Education	87.20

Skills

Programming Languages	C, C++, Java, Javascript, J2ME, J2EE, PHP, Python, HTML, XML, Node JS
Database	Microsoft SQL Server, Access, Oracle, MySQL, PostgreSQL, MongoDB
Operating Systems	Windows 95/98/Me, Windows NT/2000/2003/2008, Windows XP/Vista/7, Linux, Unix
Software	Photoshop, MS Word, MS Excel, MS PowerPoint, Elasticsearch, Kibana
Other Skills	Shell Programming, Networking, Database administrator, Cloud Computing
Mobile Development	Android

Industrial Experience

Software Engineer - Paytm

Jul, 2018 - Present

Backend Development

Technologies : Java, Spring, Nodejs, MongoDB, Elastic Search, Redis, Kue

SDE Intern - Paytm

Jan, 2018 - May, 2018

Backend Development-flights core team

Research Intern - HCL Products India Labs

May, 2017 - Jul, 2017

Data Analytics Domain: Giving Proof of concept that data analytics can add values in software testing tool.

Project Member - Multimodal Perception Lab, IIIT Bangalore

Jan, 2017 - Dec, 2017

Projects on Isolated Spoken word Recognition, Multitask learning, Deep learning for ASR

Summer Intern - SAMSUNG R&D India, Bangalore

Apr, 2016 - Jul, 2016

Design Spell correction module in python to check and correct misspelled words obtained through voice app through machine learning algorithms. Domain: Machine learning, Automatic Speech Recognition, Natural Language Processing Technologies: Python, Speech Related libraries

Intern - Hubilo Softech Pvt. Ltd. Ahmedabad

Jun, 2015 - Jul, 2015

Design a Automated mail System to send and analyse the sent automated mail templates.Design the database for the company.Generate and analysis the event triggers in Mixpanel.Languages/Libraries: Core PHP,My Sql

Cloud Computing - B.S.N.L INDIA LIMITED

Jun, 2014 - Jul, 2014

Creating and Configuring Private Cloud , Creating and configuring service instance on Private cloud ,Managing Public Cloud ,Private Cloud and Hybrid Cloud with App Controller.

Projects

Isolated Spoken Word Recognition System - Prof.

Feb, 2017 - Apr, 2017

V.Ramasubramanian,IIIT Bangalore

Developed A Isolated Word Recognition System in MATLAB which can recognise the individual word spoken .It is done through MFCC feature extraction and training the HMM parameters and then decoding the words through viterbi algorithm.

Sudoku Solver - IIIT Bangalore

Jan, 2017 - Mar, 2017

An App was developed that allows a Sudoku puzzle to be extracted and solved in real time using captured images from the device's camera.

San Francisco Crime Classification

Jan, 2017 - Jan, 2017

Kaggle Problem:

Applying Exploratory Data Analytics and then by Given time and location, predict the category of crime that occurred.

Intelligent Spell Correction - IIIT Bangalore

Jul, 2016 - Aug, 2016

Python Script to correct the misspelled words by finding the most probable nearest word by using large data set containing english vocabulary and probability values

Smart Bin - C.T.A.E Udaipur

Feb, 2016 - May, 2016

The project "Smart Bin" is designed for revolutionising how Smart cities and responsible recyclers manage their collection operations using unique container intelligence system.

Automated Mail System - HUBILO SOFTECH PRIVATE

Jun, 2015 - Jul, 2015

LIMITED,AHMEDABAD

Engage Mail Web application is developed using Core PHP ,HTML5,Bootstrap,Jquery,javascript,CSS and with the help of Mandrill Api and Rabbit Mq.This Web app provide the service to organizer to send the mail of custom HTML templates to attendees and can also check the analysis for each mail sent.

Bus management system - NIIT Technologies Pvt Ltd

Feb, 2013 - Apr, 2013

Bus management system application developed by the use of core java programming,MS Access database. It is Bus reservation system where a passenger can know about the availability of tickets,can book the tickets as well as can cancel their seats as per requirements

Website on faculty management - TGS Infotech

Apr, 2012 - May, 2012

Website on faculty management' designed by use of html,jquery,css nd php.It deals with faculty-managment in colleges.Here each faculty can maintain their accounts and can remain in touch with other faculties of the same college.

Hotel management system is a c++ based program dealing with management of hotel.I worked on this project in class XII in year 2011 as school final year project.

Achievements

Academic

ACHIEVEMENTS:

GATE,2016 : AIR 791 (99.27 Percentile) In Computer Science,97.3 Percentile in AIEEE,2012.
AIR 16 In Prefinal Round Of TCS Codevita,2016 ,AIR 9 in CodeByte,2017.
ORACLE SE 6 Java and COMPTIA N+ Certified.
Codechef DIV I Coder (1800+ rating)
NPAT - 96/100 (conducted by NPTEL , ACM & Google India) ,Pre Placement offer from Paytm,Recipient of AICTE Scholarship.

COMPETITIVE PROGRAMMING PROFILE:

Codechef
Best Global Rank: Long Contest - #235 (April,18);Cook Off - #503 (May,17);Lunchtime-#302 (April,17).
Div I Coder (1800+ rating)
Link <https://www.codechef.com/users/deepaksiyal1>
Hacker Rank
Contest Rating:1900+
Link: https://www.hackerrank.com/Deepak_Siyal
Hacker Earth
Problems Solved:125+
Link: <https://www.hackerearth.com/@deepak173>

Cultural

- HEAD COORDINATOR of workshop "android app development" by Wegilant SINE IIT Bombay.
- SCHOOL HOUSE CAPTAIN of school K.V.No.1 Udaipur.
- TECHNICAL VOLUNTEER of event 'ROBO RACE' in C.T.A.E fest Solemnitas 2015.
- Actively took part in various fest events,workshops,freshers in school and college.

Other Information

- Certificates in National Science Olympiad, Green Olympiad, USO (United Schools Organisation of India),AMCAT Topper, NIIT Certified in Oracle SE6 Program and Networking Protocols Program.Winner of college coding cotents(Algoholic,Web Freaks) and certificates for various workshops, college & school events and other Co curricular activities.
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