

SHIVA PRASAD GOUD BANDARI

NEHRU HALL OF RESIDENCE, IIT KHARAGPUR (10EC35004)

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ACADEMIC QUALIFICATIONS

Course	Institution	Percentage/CGPA
Dual Degree, E&ECE	IIT Kharagpur	6.1/10
Class XII	JNV Nizamabad (CBSE)	80.0%
Class X	JNV Nizamabad (CBSE)	85.2%

JOB EXPERIENCES

Infruid Labs, Hyderabad	UI/UX Developer	Mar-Aug 2017
<ul style="list-style-type: none">Worked on vizard(data visualization tool built on AngularJS) – added new featuresDevelopment of rich expression editor and complex algorithms for responsive layout generation		
Saddahaq.com, Hyderabad	Android & Web Developer	May-Dec 2015
<ul style="list-style-type: none">Responsible for the development an upcoming android app from SaddahaqDeveloped an intelligent tags detector for articles using NLP libraries in python and worked on web scraping tools		

INTERNSHIPS

Saddahaq.com	Android & Web Developer	May-June 2014
<ul style="list-style-type: none">Built a custom analytics engine for saddahaq.com to monitor the user activityWorked on both frontend and backend primarily using Bootstrap and PHP/MySQLDeveloped the front-end of Saddahaq's FIFA website which was hosted and maintained during world cup 2014		
Saddahaq.com	Frontend Developer	Dec 2013
<ul style="list-style-type: none">Built real-time graphical representation of Delhi election results using d3js and infographics feature for saddahaq articlesDeveloped homepage for 2013.saddahaq.com which was launched at new year and hosted for about a month		

PROJECTS

Krishikar.com	Jun-Dec 2016
<ul style="list-style-type: none">Built a website group for Krishikar Agritech Pvt Ltd using Ruby on Rails Platform and AngularJSKrishikar has an ecommerce website, a blog and another realtime data management application integrated into single websiteWorking on building several small android apps to be used along with the website by variety of users	
Taazbiryani.com	Jan-Mar 2016
<ul style="list-style-type: none">Designed and developed an android app for a restaurant in Kharagpur that can be used to order and pay for the foodCreated a backend API in the php/mysql based website to be used for the android app created	
Taazbiryani.com	Jan 2015
<ul style="list-style-type: none">Built a website for online food delivery of a restaurant which generated a revenue of INR 3.4 lakhs in 3 monthsIntegrated SMS API and <u>payment gateway</u> API and provided an admin panel to the restaurant	
Skash.in	Dec 2014
<ul style="list-style-type: none">Backend developer for the social networking site focusing on anonymity	

RELATED ACADEMIC PROJECTS

Semester Project	Guide: Dr. Arijit De
Adaptive noise cancellation in smartphone audio	Sep 2017 – present
<ul style="list-style-type: none">Implementation of noise cancellation techniques on smartphone audio using signal processing	
Android based real-time digital signal processing	Jan-Apr 2017
<ul style="list-style-type: none">Development of Android app to record sounds and track FFT of the signal using real-time signal processing	
Semester Project	Guide: Dr. Sudipta Mukhopadhyay
Automated detection of broken tablets using computer vision	Jan-Apr 2015
<ul style="list-style-type: none">Applied various image processing techniques to automatically detect broken tablets using OpenCV in C++	
Summer Project	Guide: Prof. Gautam Saha
Android based Tracking and Monitoring of Ultrasonography Machines	May-Jun 2013
<ul style="list-style-type: none">Java code for tracking data from sensors, audio recorder, camera, GPS tracker etc. to be integrated into an app	

POSITION OF RESPONSIBILITY

Tutor, Programming and Data Structures Doubt Sessions	2012-13
<ul style="list-style-type: none">Clarified doubts and evaluated assignments of 1st year PDS students struggling through programmingMentored and motivated the students to learn and appreciate computer programming	
Wing Representative, Counselling Centre	2011-12
<ul style="list-style-type: none">Efficiently organized meetings to identify psychological problems faced by students	

SKILLS

Languages	C, C++, java, python, ruby, coffeescript
Web/App Technologies	HTML, CSS, JavaScript, PHP, MySQL, Twitter Bootstrap, REST API, JSON, d3js, OpenGL, OpenCV, git
Familiar Platforms	Android, Ruby on Rails, AngularJS

ACHIEVEMENTS

Academic	<ul style="list-style-type: none">All India Rank of 4285 in IIT JEE 2010 and 6361 in AIEEE 2010Selected as a scholar through scientific creativity test by Jagadis Bose National Science Talent Search, Kolkata and took part in Talent Enrichment ProgramSelected in Grand Dakshana Selection Test 2008 conducted by Dakshana FoundationSelected in JNVST 2003 where 5000 students appeared throughout the district
Competitions	<ul style="list-style-type: none">3rd Position in 'Play with Clay' – Clay modelling event of Spring Fest 2013Participation in Inter-hall Thermocol and Clay Modelling event at IIT Kharagpur
Social	<ul style="list-style-type: none">NCC Cadet at college and attended annual training campConducted interactive session for IIT aspirants at JNV Balukudia