

Srinivas Kodali

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EDUCATION

Program	Institution	Time Period
B. Tech in Civil Engineering (Minor: Management)	Indian Institute of Technology Madras, Chennai	2009-2013
XII, Board of Intermediate Education	Nalanda Jr. College, Adilabad	2006-2008

PROGRAMMING & SOFTWARE SKILLS

- R, Python, Java, Javascript, HTML, SQL, D3.js, PhantomJS, Selenium, Android & API Development, GIS

PROJECTS

- Indian Transit Database**, *Transportation Working Group – Datameet* Oct'14 - Present
- Developing interoperable **GTFIS datasets** of different transit agencies in the country for academic and social research
- Taxi Trip Analysis**, *Geotagg* Oct'14
- Analysis & Visualization of taxi trips in Bangalore for a taxi firm using D3.js and Tilemill to identify points of interest.
- Real-time Bus Arrival Time Prediction**, *Center of Excellence in Urban Transport* Feb'12 – Dec'13
- Enhancing prediction accuracy for pilot prototype deployed in 30 MTC buses, along two routes in Chennai
 - Developed web & mobile applications to deliver real-time traffic information to commuters
- Fleet Telematics Monitoring System**, *IIT Madras, Sponsored by Ministry of Urban Development* June'12 – May'13
- Developed web and mobile applications for real-time tracking of buses in IIT Madras; Apps made Public
 - Developed monitoring application for Bus Managers of IIT Madras consisting of bus and driver performance
 - Project Shortlisted for Top 30 Next Big Idea: IIM Bangalore annual Business plan competition

EMPLOYMENT & PROFESSIONAL EXPERIENCE

- Project Member**, *ChaloBEST Project, Homi Bhabha Centre for Science & Education* Dec'14-May'15
- Improving trip-planner and tools for data collection of Mumbai city transport agencies
- Android Developer**, *Carwale, Automotive Exchange Pvt. Ltd.* May'14-Dec'14
- Developed flagship application and online tools for consumers and automobile dealers
- Python & Android Developer**, *Zophop – Transit App for Indian Cities* Dec'13-April'14
- Conceptualized and built end-to end prototypes of transit app for Indian cities
- Project Associate**, *Centre of Excellence in Urban Transport, IIT Madras* Aug'13-Dec'13
- Built Analytics portal for daily error evaluations of travel time prediction model, using **D3.js** and python
 - Working on to deliver Traffic information applications to general public with on-field implementations
- Research Intern**, *Innovation and Incubation Centre, Gujarat State Petroleum Corporation* May'12-July '12
- Developed a contingency **Spill management model** for oil & gas pipeline spillages for the state of Gujarat
 - Assessed the impact zones of various gas pipeline blasts spatially, based on real-time climate data analysis
 - Predicted corrosion locations in pipeline network using GIS spatial modeling

AWARDS & RECOGNITIONS

- State of the Map US Scholarship**, *OpenStreetMap US* Jun'15
- Among 30 recognized scholarship recipients to attend the OpenStreetMap conference at United Nations Head Quarters
- Finalist Jedi-Challenge 2013**, *Indian Institute of Science, Bangalore* Jun'13
- Finalist in annual national level final year engineering project awards conducted in IISc Bangalore
- Third Place, Planning Commission Hackathon**, *IIT Madras* Apr'13
- Designed an Android app to deliver educational videos to masses as part of the 12th Five year Plan
- Runner, GE India Innovation Award**, *Research Expo, Shaastra 2013* Jan'13
- Received award for implementation of Bus fleet monitoring system in campus of IIT Madras
- Special Recognition, Volvo Sustainable Mobility Award**, *Sweden-India Nobel Memorial Week Seminar* Oct'12
- Part of team which won award for innovative solutions & efforts in public transport for city of Chennai

SOCIAL & COMMUNITY RESPONSIBILITY

- Transportation Working Group, Datameet- Open data Community in India** Feb'12-Present
- Active member of community working on data policy and solving problems in cities using open data
 - Volunteer to open source projects in the domain of maps, transport and cities.
- Head, Adventure Club**, IIT Madras Aug'12-May'13
- Conceptualized **risk management & safety** in club, **networking activities** with alumni and exchange students
- Member, Disaster Management Committee**, IIT Madras Aug'12-May'13
- Developed disaster management **models, safety** measures and awareness programmes for IIT Madras community