

# Karan Punamiya

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karanpunamiya.com

## EXPERIENCE

### **Media.Net Software Services Pvt. Ltd. — Associate Lead Software Development Engineer**

July 2016 - PRESENT

Development and maintenance of a Real Time Bidding (RTB) system, conducting auctions and delivery of advertisements for a high volume of traffic (currently >500k qps). Design and development of alerting and messaging services. Design and development of context extraction service and bid enrichment parameter extraction service.

### **Center for Urban Science and Engg, IIT-Bombay — Research Assistant**

July 2013 - July 2016

Working on real world solutions for addressing issues of waste disposal and emergency services in the urban context

### **Media.Net Software Services Pvt. Ltd. — Web Developer L1**

Nov 2011 - July 2013

Development and maintenance of ad delivery systems serving contextual advertisements.

## EDUCATION

### **MTech - Computer Science and Engg — IIT Bombay**

July 2013 - July 2016

### **B.E. - Computer Engineering — Mumbai University**

July 2008 - July 2011

## ACADEMIC PROJECTS

### **Urban Space Monitor — PHP, python, mysql**

Allowing citizen complaints to auto-register with relevant departments with auto-triage based on problem description

### **Optimising OR-IS-NULL Join — C**

Added join type in PostgreSQL to improve a query performance by 90%

## TECHNOLOGY WORKED ON

Java, Python, PHP, Node.js, GoLang, C, C++

MySQL, MS-SQL, Apache Kafka, Redis, Aerospike

Apache Web server, Apache Tomcat, Git, SVN, Eclipse, IntelliJ

## ACHIEVEMENTS

**AngelHack Mumbai Spring 2014 - Winning team**

**GATE 2013 Computer Science**  
99.87 percentile among 223k aspirants