

# Pankaj MALHOTRA

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Chandigarh, India | 14 July 1994  
WEBSITE: [pankajmalhotra.com](http://pankajmalhotra.com)  
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## EDUCATION

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2012-2016 Bachelor's Computer Science and Engineering . IIIT Hyderabad, India.  
ACHIEVEMENT Secured rank 123 among 1.2 million students in All India Engineering Entrance Examination - 2012

## WORK EXPERIENCE

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MAY-JUL 2015 Software Engg Intern at BROWSERSTACK Mumbai, India  
*Developer Tools for Mobile Browsers.*  
Worked with mobile team at BrowserStack to develop remote debugging tools for mobile browsers. Inspired by chrome devtools and remote debuggers like Valence(Mozilla), ios-webkit-debug-proxy(Google) and Weinre(Apache). Support for Android and iOS.

MAR-MAY 2015 Spring Scholar at HASHICORP, Remote  
*Infrastructure Automation, Service Discovery and PaaS*  
Worked remotely to build a platform as a service tool called ATLAS. Using infrastructure automation tools like Terraform, Consul for distributed service discovery and as a key value storage. Storing infrastructure configuration using Packer and as AMI's. Also wrote examples and tutorials for deploying projects on AWS using ATLAS workflow.

SUMMER 2014 Google Summer of Code Intern at MOZILLA CORPORATION  
*REST API's and Test Automation*  
Analysed protocols and frameworks for data transfer speed and efficiency, carefully inspected Google Protocol Buffers, JSON and XML format. Implemented REST API for a Django/Playdoh application OneandDone and wrote Selenium functional tests using Pytest for the same while working with WebQA team. Wrote configuration files for Travis and Jenkins CI.

## RESEARCH EXPERIENCE

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INTEL INDIA Ambulatory EEG and Seizure Alert System  
Affordable embedded system for seizure detection and advanced care.

IIIT HYDERABAD Dynamic Resource Management in IaaS Cloud  
Detect possible bursts and scale infrastructure vertically/horizontally.

## SKILL SET

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PROFICIENT: C++, Python  
BASIC: Bash, GO, Javascript  
VERSION CONTROL: GIT, Mercurial

## INTERESTS

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WEB ENGINEERING/SERVICES, AUTOMATION, DISTRIBUTED SYSTEMS, OPEN SOURCE SOFTWARE