

# Pankaj MALHOTRA

## PERSONAL DATA

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PLACE AND DATE OF BIRTH: Chandigarh, India | 14 July 1994  
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## EDUCATION

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2012-2016 Bachelor's Computer Science and Engineering . IIIT Hyderabad, India.

## WORK EXPERIENCE

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| Current<br>JUL 2015 | <p>Software Engg Intern at BROWSERSTACK Mumbai, India<br/><i>Developer Tools for Mobile Browsers.</i></p> <p>Working 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.</p>   |
| MAR-MAY 2015        | <p>Spring Scholar at HASHICORP, Remote<br/><i>Infrastructure Automation, Service Discovery and PaaS</i></p> <p>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.</p>    |
| SUMMER 2014         | <p>Google Summer of Code Intern at MOZILLA CORPORATION<br/><i>REST API's and Test Automation</i></p> <p>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.</p> |

## RESEARCH EXPERIENCE

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| INTEL INDIA    | <p>Ambulatory EEG and Seizure Alert System<br/>Affordable embedded system for seizure detection and advanced care.</p>        |
| IIIT HYDERABAD | <p>Dynamic Resource Management in IaaS Cloud<br/>Detect possible bursts and scale infrastructure vertically/horizontally.</p> |

## SKILL SET

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PROFICIENT: Python  
BASIC: Ruby, GO, Javascript  
VERSION CONTROL: GIT, Mercurial

## INTERESTS

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