

Pankaj MALHOTRA

PERSONAL DATA

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

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

WORK EXPERIENCE

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| MAY-JUL 2015 | <p>Software Engg Intern at BROWSERSTACK Mumbai, India
<i>Developer Tools for Mobile Browsers.</i></p> <p>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.</p> |
| MAR-MAY 2015 | <p>Spring Scholar at HASHICORP, Remote
<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
<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
Affordable embedded system for seizure detection and advanced care.</p> |
| IIIT HYDERABAD | <p>Dynamic Resource Management in IaaS Cloud
Detect possible bursts and scale infrastructure vertically/horizontally.</p> |

SKILL SET

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

INTERESTS

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