

Varun Agrawal

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» Languages

PHP • Node.JS • Shell • SQL • NoSQL • VB • C++ • Ruby • Python • JAVA • Android

» Skills

Git • RegExp • Linux • Docker • DevOps • AWS • Redis • Blockchain • MVC Frameworks

» Work Experience

Software Engineer

SMAL Code

Oct 2017 – Current
Munich, Germany

- Working primarily as PHP 7/React and DevOps Engineer on MVC projects for big clients including Vodafone, Elgato.
- Designing and upgrading SQL schema for medium-sized databases while ensuring optimal performance.

Software Development Intern

parcelLab

Oct 2016 – Feb 2017
Munich, Germany

- Working primarily as Node.JS developer and DevOps engineer.
- Created a module to predict parcel delivery time based on historic data.
- Dockerizing the whole infrastructure on AWS to achieve high scalability and easy deployment while reducing costs.

Software Development Intern

AdPushup

May 2015 – July 2015
New Delhi, India

- Created an internal tool to view users AdSense reports.
- Developed scripts for Google Sheets to automate various tasks using different API's.
- Created end-to-end tests for the application using CasperJS.

Google Summer of Code Developer

Google

June 2014 – September 2014
Remote

- Google Summer of Code is a virtual internship in which Google sponsor various open source projects.
- Tested and released the first version of SupportFlow, a web-based, help desk software under WordPress organization.
- Implemented a feature to sync support tickets with external mail server in both directions.
- Created an advanced parser using regular expressions to hide quoted text in E-Mail replies.

Freelancer

oDesk & Elance

July 2013 – September 2013
Remote

- Developed complex web crawlers that extracted useful information from different websites.
 - Worked with various API including oAuth, Google Maps, Bing Search.
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» Side Projects

Varal WAMP

April 2013 – June 2013

- It is a GUI application written in VB for complete administration of WAMP stack.
- Designed a user-friendly interface for one-click switching between different Apache/PHP versions.
- Implemented a feature to develop multiple sites with custom localhost names easily.

Mosh 2

- Mosh 2 is an alternative front end for Mosh with a powerful session caching mechanism and a user friendly CLI. It is written in Bash Scripting Language.

SURLS: Simple URL Shortener

- SURLS is a simple URL Shortener written in PHP based on Apache RewriteRule Directive with support for mapping custom function to aliases.
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» Achievements

Google Code-In

October 2011

- Fixed several bugs and implemented features in different open source projects as part of the program during High School.