

# Varun Agrawal

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## » Languages

PHP • Node.JS • Shell • Java • SQL • NoSQL • VB • Ruby • Python

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## » Skills

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

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## » Work Experience

### Software Engineer

3T Software Labs

May 2018 – Current  
Berlin, Germany

- Developing cross-platform IDE for MongoDB with Java/SWT/Maven.
- Mavenized the SWT/JFace framework and refactored maven dependency system to get rid of transitive dependency conflicts

### Software Engineer

SMAL Code

October 2017 – April 2018  
Munich, Germany

- Working primarily as PHP 7/React and DevOps Engineer on MVC projects for big clients including Vodafone, Elgato.

### Software Development Intern | Freelancer

parcelLab

October 2016 – September 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 – June 2015  
New Delhi, India

- 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 – August 2014  
Remote

- Tested and released the first version of SupportFlow, a web-based, help desk software under WordPress organization.
- 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.