

VISHWAS VIJAYA KUMAR

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Seeking a challenging career in Software Development utilizing my knowledge and skills

EDUCATION

Indiana University Bloomington, Bloomington

August 2015 - May 2017

M.S. in Computer Science GPA: 3.90/4.00

Visvesvaraya Technological University, Bangalore, India

August 2009 - May 2013

Bachelors of Engineering in Telecommunication Engineering GPA: 9.01/10.00

TECHNICAL STRENGTHS

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|-----------------------------|---|
| Computer Languages | Java, .NET, C++, C, HTML, CSS, AngularJS, JIG, HIVE |
| Protocols & APIs | XML, JSON, REST, AJAX, Java, POSIX |
| Databases | MySQL, PostgreSQL, Cassandra, MongoDB |
| Tools/Applications | Git, SVN, Log4j, ELK, Netflix Suro, Jenkins, Docker, TeamCity |
| Frameworks | Spring MVC, Hadoop, JUnit, Duck Angular |
| Build Managers | ANT, Maven, Gradle |

EXPERIENCE

ThoughtWorks

January 2014 - July 2015

Software Developer/ Technology Consultant

Bangalore, India

- Minimized project cost and effort by designing a custom continuous integration framework using GoCD and TeamCity.
- Reduced manual effort by configuring an automated configuration management tool called Puppet.
- Engineered "sales forecasting algorithms", achieving 95% accuracy using Hadoop coupled with an administrative website using J2EE(Servlets, JSP) and JSDK (Java, JDBC) on Spring MVC improving decision-making time.
- Improved product development time by containerized the web application using Docker. Also, Implemented containers in delivery further reducing feedback and delivery times.
- Boosted development time by incorporating the ELK stack to maintain a centralized log repository.
- Optimized business and technical decision-making process by designing an efficient data metrics collection mechanism using Netflix Suro and Graphite.
- Created web awareness about the LGBT community by designing a responsive website for solidarity foundation.

ThoughtWorks

December 2013

Software Development Intern

Bangalore, India

- Initiated the hardware engineering trend in ThoughtWorks.
- Optimized the security of payment login using LDAP. Also, implemented a custom payment service.
- Introduced "Meet-Up", a platform for people sharing ideas on open-source initiatives.

COURSEWORK

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|----------------------------|---------------------------|-------------------------------------|
| Advanced Database Concepts | Advanced Operating System | Information Architecture of the web |
| Social Media Mining | Cloud Computing | Algorithms Analysis and Design |

PROJECTS

- Developed Complete Xinu Operating System with synchronization and file system in C.
- Created an online reservation website for Vishnu Sagar Hotel using PHP, HTML5, CSS3 and JQuery.
- Devised Automated Traffic Violation Detection System using MSP430 microcontroller and Embedded C.