

# Jishnu V

## Software Development Engineer

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## Summary

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A pragmatic software engineer with a keen eye for performance optimization and writing pixel-perfect code with thorough hands-on experience in various layers of web technology. Highly skilled in developing E-commerce web applications. Proficient in designing, implementing and maintaining innovative, robust and scalable solutions. Dedicated to follow industry trends and stay atop with different coding languages.

## Work experience

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### Software Development Engineer

June-2016 - Present

#### Buildnext

*A young, vibrant startup which enables technology in the construction industry with the help of web applications and Virtual Reality.*

- Developed E-commerce web applications.
- Integrated Elastic(ELK) stack and improved products search accuracy and logging.
- Carried out Performance and Load testing using various tools and optimized website performance using tools like Redis and Varnish.
- Reduced homepage response time(TTFB) to below 200ms and overall site response time to 500ms.
- Optimized logistics module and reduced number of Google API calls by 60%.
- Developed a WordPress career [website](#) and streamlined the hiring process.

### Software Development Intern

February 2016 - April 2016

#### Buildnext

- Front-end and back-end web development.
- Zurb Foundation framework in the front-end and LAMP stack in the back-end.

### Web Developer (Intern)

July 2015 - October 2015

#### INNOINTEL LLC

- IoT based predictive analytics system using NodeJs with mustache templating engine and Express.js framework.
- Visualized data using graph database (Neo4J) and D3.js.

### Web Designer (Intern)

January 2015 - February 2015

#### XENONOUS

- Front-end development using Bootstrap.

## Skills

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Programming languages	C, C++, Java, PHP, Javascript, Python
Frameworks/CMS	Django, Express.js, Magento, Wordpress, Laravel
Databases	MySQL, MongoDB, Elasticsearch, Redis
Web Technologies	HTML5, CSS3, jQuery, Node.js, Socket.io, React, Vue
Tools	NPM, Git, Jekyll, Docker, Bash, Postman, Gatling, Varnish, Webpack

## Projects

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### Online Coding Environment

An online coding platform for competitive exams. Used Node.js with Express framework for server-side programming and MongoDB for creating the database. Took advantage of Docker containers to set up isolated environments for users.

### Home Automation System

Home automation system using Raspberry Pi. Programmed using Python and PHP

### Scholarship Portal

A scholarship portal where users can log in and see their eligible scholarships. Developed using Java and MySQL.

### HelloEco

A [website](#) created using the concept of page-as-a-component with Django in the backend and react in the frontend. Webpack module bundler was used to build assets. Unicorn as WSGI server and nginx for serving static content.

### Book a Tutor

A [website](#) for booking tutors online.

### Pantheon CET

Highly interactive and animation rich [website](#) of an inter-college fest called Pantheon

## Education

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Bachelor of Technology, Computer science

2012 - 2016

COLLEGE OF ENGINEERING TRIVANDRUM

## Core Competencies

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- Back-end and front-end web development
- Relational and non-relational database designing and implementation
- Performance testing and optimization
- Real-time programming, hybrid cross-platform applications (Cordova) and RESTful serverless applications
- E-commerce web solutions and WordPress development
- Agile Development and various design patterns including MVC and Singleton
- Progressive Web Apps