Jishnu V

Software Development Engineer

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Summary

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

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 Magento based E-commerce web applications.
- Elastic(ELK) stack integration.
- Optimized website performance using Redis and Varnish.
- Carried out Performance and Load testing using various tools.
- Reduced homepage response time(TTFB) to 200ms and overall site response time to 500ms.
- Optimized logistics module and reduced number of Google API calls by 60%.
- Developed a WordPress website.
- Mentored a team of 3 interns.

Software Development Intern   February 2016 - April 2016

Buildnext

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

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

Projects

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.

Book a Tutor (Freelance)

A website for booking tutors online.

Pantheon CET (Freelance)

Website of an inter-college fest Pantheon

Education

Bachelor of Technology, Computer science   2012 - 2016

COLLEGE OF ENGINEERING TRIVANDRUM

Higher Secondary   2009 - 2011

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Core Competencies

- 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 server-less applications

- E-commerce web solutions and WordPress development
- Agile Development and various design patterns including MVC and Singleton
- Search Engine Optimization
- Progressive Web Apps