

Abhishek Mugal

Computer & Full Stack Web Engineer

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Work Experience

Full Stack Web Engineer

Sept 2016 – Present

Internet Business Japan Co. Ltd., Tokyo, Japan

- Responsible to create high-end, fast, reliable, and robust Web Applications and Systems for clients in IT, Construction, Automobile, and various other industries
- Accountable for designing System and Database Architecture, optimizing system flow, and governing front-end and back-end for Web Applications like Content Management System (CMS)
- Responsible for handling system security and DevOps using Apache and Nginx web server, Amazon Web Services (AWS) and Microsoft Azure services
- Team leader and liable to hire new engineers for the team. Till present, I have worked on 20 - 25 projects from scratch.

Web Developer

Jun 2015 – Jul 2015

Amdocs, Pune, India

- Developed an intra-domain Web System using WordPress to manage various internal events at Amdocs. Received special appreciation from Product Manager for completing the project in six (6) weeks.

Projects

iCMS (Content Management System)

Sept 2016 – ongoing

- In-house CMS developed using CakePHP framework to manage and maintain small to large websites, involves continuous improvement by creating new features and enhancing existing system

AWS Cloud based system to deploy CMS Servers

Jan 2018 – Mar 2018

- Developed a compact but robust Cloud system for in-house CMS to deliver it quickly to the clients using AWS like Elastic Compute Cloud (EC2), Elastic Load Balancer (ELB), Route53, and CloudFront
- Reduced CMS deployment time by 80% and increased the number of sales by 40%

Road Traffic Prediction using Neural Networks

Sept 2015 – Jan 2016

- Road Traffic Prediction model which is designed and realized in code to be more accurate than the current prediction systems
- Published in IEEE's 2016 International Conference on Computing, Analytics, and Security Trends (CAST) (<https://ieeexplore.ieee.org/document/7914939/>)

Web Application for Content Management

Jun 2015 – Jul 2015

- Research and Web Application development for Amdocs to manage internal events efficiently using WordPress, PHP, JavaScript, jQuery, HTML5, and CSS3

Online Registration System

Dec 2014 – Jan 2015

- Developed a Web Application to maintain a database of students who participate in Regatta (College Boat Club's Annual Fest) for the Management Committee to provide ease of operation like registration, managing student's information, and basic database CRUD operations

Education

BACHELOR OF TECHNOLOGY

Computer Engineering

College of Engineering Pune, India

8.09 / 10, Jun 2012 – May 2016

HIGHER SECONDARY EDUCATION

Mathematics and Electronics

Ushabai Desh. Junior College, India

92.83%, Jun 2010 – May 2012

Skills

Languages: **PHP, HTML5, CSS3,**

JavaScript, jQuery, SQL, Java,

Python, C

Frameworks: **CakePHP, Bootstrap,**

Vue.js

Tools: **AWS, Azure, DevOps,**

WordPress, GitHub, AJAX, MySQL

Soft Skills: **English, Japanese (N4),**

Hindi, Marathi

Achievements

- Published an **IEEE Research Paper**
- Selected in top 30/10000 teams in KPIT's National Level Sparkle Competition 2016
- Second runner-up in Avaya's Smart Project Competition
- Bookkeeper's Certification issued by National Bookkeepers Association
- Named in Guinness Book of World Record for Rubik's Cube Attempt in

Extra-Curricular

- Placement Co-Ordinator, 2015-16
- Web Team Head, College Sports Event Zest, 2014-15
- Event Organizer, College Boat Clubs Event Regatta, 2013-14

Interests

Science, Technology, Travelling, Trekking, Badminton