

ABHISHEK MUGAL

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SUMMARY

Master of Computer Science Graduate student with an international professional experience of three (3) years in Full Stack Web and Product Development, currently seeking full-time internship opportunities for summer 2020.

EDUCATION

Master of Computer Science (MCS)

Arizona State University (ASU), Tempe, AZ, USA

Graduating May 2021

Bachelor of Technology, Computer Engineering

College of Engineering Pune (COEP), Pune, India

Graduated May 2016

GPA: 8.09 / 10

TECHNICAL SKILLS

Programming: PHP, Python, Java, C

Web Development: CakePHP, JavaScript, jQuery, HTML5, CSS3, Bootstrap, Vue.js

Tools: AWS, Azure, DevOps, WordPress, MySQL, PostgreSQL, GitHub

Other: Apache, Nginx, SSL, DNS, Mod-Security, JSON, AJAX, Content Management Systems (CMS), Microsoft Office

Courses: Multimedia and Web Databases, Distributed Database Systems, Software Requirements and Specifications, Web Technologies, Data Structures and Algorithms, Computer Networks, Data Mining

PROFESSIONAL EXPERIENCE

Lead Full Stack Web Engineer: Internet Business Japan Co. Ltd. (IBJ), Tokyo, Japan

Sep 2016 – May 2019

- Created high-end, agile, fault-tolerant Web Applications and Systems for clients from various industries
- Designed System and Database Architecture, optimized System Flow, governed Front-end and Back-end for Web Applications like CMS
- As a team leader, managed System Security and DevOps along with guiding new Engineers in the team.

Web Developer Intern: Amdocs, Pune, India

Jun 2015 – Jul 2015

- Developed an Intra-domain Web System using WordPress to manage assorted Internal Events at Amdocs
- Received special appreciation from Product Manager for completing the project in six (6) weeks.

TECHNICAL PROJECTS

IBJ, CMS Project

Sep 2016 – May 2019

- Led a team of three to design and develop In-house CMS using CakePHP framework to manage all sort of websites
- Involved continuous improvement by creating and enhancing CMS's features like security, compatibility, maintainability, and user-friendliness
- Implemented AWS Cloud System to deploy CMS swiftly to the clients. Recognized by the President as the "Best Product of 2018" which increased company's sales by 40%

COEP, Road Traffic Prediction using Neural Networks

Sep 2015 – Jan 2016

- Designed and realized "Prediction Model" using Neural Networks in python to predict road traffic in real time
- Aimed to solve real-world conundrum by analyzing the road traffic with high accuracy and efficiency
- Published in IEEE's 2016 International Conference: CAST (<https://ieeexplore.ieee.org/document/7914939/>)

ACHIEVEMENTS

- Selected in top 30/10000 teams in KPIT's National Level Sparkle Competition **2016**
- Stood second runner-up in Avaya's Smart Project Competition **2016**
- Named in Guinness Book of World Record for Rubik's Cube Attempt by COEP students in **2014**

ACTIVITIES

- COEP Student Placement Coordinator for Campus Placement activities, **2015-16**
- COEP Web Team Head, designed and developed a website for College Sports Event "Zest", **2014-15**
- COEP Event Organizer, organized a 45 days College Boat Club's Event "Regatta" consisting 60 participants, **2013-14**