ABHAY BARTHWAL

Phone: (647) 949-0374 | Email: ababhaybarthwal@gmail.com

EXECUTIVE SUMMARY

Innovative optimized solution seeking full stack developer with approx. 6 years of experience in software development. I come with hands-on experience and keen interest in development using various languages and frameworks. Deployment on cloud and Automation have been on top of my interest and learning path.

.

- Python
- MySQL/PostgreSQL
- Django/Flask
- Node.js
- PHP
- GIT/SVN

- JavaScript
- Docker/Linux Scripting
- Cloud (AWS)
- Spring Boot
- C#

- Angular JS
- Java
- MongoDB
- Dot Net

EDUCATION

Lambton College, April 2019: Cloud Computing for Big Data (Data mining, Java, distributed systems and cloud computing)
Rajasthan Technical University, August 2015: Bachelor of Technology in Computer Science.
CMC Limited, August 2014: .Net Technology.

CERTIFICATES

AWS Certified Solution Architect
Microsoft Technology Associate: Database Fundamentals.
Microsoft Technology Associate: .NET Fundamentals.
Microsoft Specialist: Microsoft Dynamics NAV 2013 C/Side Development.
Microsoft Certified Professional.

PROFESSIONAL WORK EXPERIENCE

Canadian Business college   **March 2022 – Present**
Full Stack Web App Development Instructor
- Lead instruction on Web Development and other technology topics, including leading whole-class lectures, activity-based learning workshops, and project-based experiential learning.
- Delivering production knowledge and sharing on job experience while teaching about helping tech like GIT, AWS cloud, Heroku, CI/CD pipelines.
- Sharing development, testing, deployment, maintenance, troubleshooting and scaling knowledge.

Tool/Technologies: Python3.6, Django2.0, REST API, Flask, JavaScript, jQuery, MySQL, Bootstrap, GIT, MVC, AWS Cloud9, AWS RDS, Heroku, HTML5, CSS3, Node.js.

Cognizant   **February 2022 – Present**
Python Engineer, Senior Associate
- Working with RBC as client to deliver tools that help the finance team to make budget allocation ease and smooth worldwide.
- Leading the project as dev and taking decisions on infrastructure design, deployment, delivery.
- Motivating the team at each step and understanding the road blocks and brain storming solutions.

Tool/Technologies: Python3.6, Django2.0, REST API, Vue.Js, JavaScript, jQuery, MySQL, GIT, MVC, AWS RDS, HTML5, CSS3, AWS Cloud formation, Kubernetes, Cloud architecture .

RATESDOTCA Group Ltd.   **November 2019 – February 2022**

Developer
- Actively maintaining and migrating Insurance Hotline on to the cloud and keeping the lead management system in the back working smoothly and more efficiently.
- Handling Integration of Broker management system in the existing system of the company. Proactively changing the .Net requirement to Spring Boot since it is faster to develop and easier to manage.
- Creating the API's and automating Broker management system. Creating health management system to approve the standard up to SLA signed.

Tool/Technologies: Java, Spring Boot, Python3.6, Django2.0, REST API, Vue.Js, JavaScript, jQuery, MySQL, GIT, MVC, AWS RDS, HTML5, CSS3, Node.js, .NET, AWS Amplify, AWS Cloud formation, Kubernetes, Cloud architecture .

Canadian Business college   **April 2019 – November 2019**

Full Stack Development Instructor
- Lead instruction on Web Development and other technology topics, including leading whole-class lectures, activity-based learning workshops, and project-based experiential learning.
- Delivering production knowledge and sharing on job experience while teaching about helping tech like GIT, AWS cloud, Heroku, CI/CD pipelines.
- Sharing development, testing, deployment, maintenance, troubleshooting and scaling knowledge.

Tool/Technologies: Python3.6, Django2.0, REST API, Flask, JavaScript, jQuery, MySQL, Bootstrap, GIT, MVC, AWS Cloud9, AWS RDS, Heroku, HTML5, CSS3, Node.js.

BKR Energy   **May 2018 – April 2019**

Information Technology Project Lead
- Setting Up the cloud infrastructure, Developing Services and Deployment.

- Develop comprehensive project plans, cover client requirements and make the system scalable and reliable.
- Managing Multi-platform aspect of project like Mobile applications, web applications, API etc.

Tool/Technologies: Python3.6, Django2.0, REST API, GraphQL, JavaScript, jQuery, MySQL, Bootstrap, GIT, MVC, AWS, Docker, PhoneGap.

Interglobe technologies   **Apr 2017 – Aug 2017**

Web Master
- Update and maintain worldwide website of KLM airlines.

- Learning Amadeus and its codes to know the trend of airfares worldwide.

- Led a team of 6 to handle tasks for multiple countries in a limited frame of time.

Tool/Technologies: CMS, GIT, JIRA, Confluence, jQuery, Bootstrap

T.T. Educare Pvt. Ltd.   **Jan 2017 – Mar 2017**

Contract LMS Development
- Complete LMS website development and management, integrating online courses, Lecture, voice notes and books.

- Launching campaigns and adding stand-alone pages for different events of the brand.

Tool/Technologies: WordPress, PHP, LMS, GIT, JavaScript, jQuery, Bootstrap, MySQL, AWS

CreativeLand Asia   **Aug 2015 – Dec 2016**

Junior Developer
- Develop, maintain and modify client websites and apps, integrate new technologies like VR and 360 degree videos.

- Mobile hybrid app developer with complete PhoneGap and covering all its plugins.

- Led a team of 2 to maintain and update Mercedes India website.

Tool/Technologies: Python2.6, Django1.4, C#, ASP.NET, PHP, Java, JavaScript, jQuery, MySQL, Postgres, SQL Server, CMS, Bootstrap, GIT, SVN, Docker, AWS, Linux Scripting, MVC

CreativeLand Asia   **Mar 2015 – Aug 2015**
Intern Developer
- Built user interface for clients and administrative staff for a user-friendly experience during product consumption

- Build Functionalities using jQuery and developing Database model and executing in SQL Server.

- Developed CMS for internal website and chat app and developed chat app using Framework7.

  Tool/Technologies: Python2.6, C#, PHP, JavaScript, jQuery, MySQL, Bootstrap, SVN, MVC

PROJECTS

Broker Management system automations
- Setting up Java Spring Boot application to make API request to Broker management backend system and automate the task to imitate an actual broker. Spring Boot as the development is faster and more services can deployed independently as microservices.

- Setting up jobs that run timely basis and generating API endpoints so other internal products can make use of BMS.

- Creating POC for new systems to test the cloud architecture.

Insurance Hotline
- Managing the lead generation model of Insurance hotline backed up by .Net technologies

- Integrating leads with internal and external brokers to generate revenue.

Smart Fuel Switching (SFSC)
- Setting Up Cloud Infrastructure on AWS to develop and deploy services.

- Developing, Upgrading, Scaling and Maintaining the system.

- Pitching ideas to client, presenting developments and monitoring the tests on live environment.

Aquanta Validation Project
- Reading data from various sensors deployed and storing data on AWS RDS.

- Generating Reports to validate the device manufacturer claims.

- Developing, Deploying, Upgrading, Scaling and Maintaining the system.

BKR Energy Digital Branding

- Design, develop and maintain the company website https://bkrenergy.ca.

- Generate user profile for each client and publish entire HVAC information on Dashboard.

- Develop IOS and Android Hybrid apps for user Dashboard information – BKR Dashboard

KLM Airlines Worldwide Website Admin
- Led a team of 6 members to Administrate and maintain the worldwide site of KLM Airlines.

- Pitching ideas to client to improve the business coming through web.

TTGLS.in
- Used WordPress to develop web-based learning platform with multiple courses and contents.

- Custom Code to enhance user interaction and SEO of the site.

Worlchat
- Used jQuery and Framework7 with PhoneGap to create a Chat app compatible with IOS and Android.

- Integrating critical plugins which directly communicates with the OS to give native features.

Mercedes-Benz India website Admin
- Administration of Mercedes-Benz India Website with a Team of 2 members.

- Generated creative ideas to sustain usage of app amongst consumer group by innovating new challenges.

Tajness.tajhotels.com Website
- Taking inputs from the CMS API and building page on run time using JavaScript and jQuery.

- Minimizing the load on the frontend and securely transferring the API requests

- Technologies used: JavaScript, jQuery, HTML5, CSS3

Godrej.com corporate website CMS
- Developed entire database structure and deployment with the queries and storage procedure.

- Logics Built to develop new pages and add templates to it using the CMS.

- Technologies used: SQL, C#, jQuery, HTML5

Interests: DevOps, automation, machine learning, datacenters, virtualization, big data