**ASHOK KUMAR**

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**Professional Summary**

* Masters in Computer Science.
* 2+ experience in Software Development.
* Expert knowledge and experience of **web architecture(Rest),** **JavaScript**(Typescript), and **NodeJ**S.
* Proficient with web client technologies including **HTML5, CSS3**, and related front-end frameworks (**Express**, React JS).
* Expertise in **Version control** using **Git** and **Bitbucket**.
* Deep understanding and hands-on of core **Java, OOP & Design Patterns**.
* Working experience with Deployment on **PAAS (Microsoft Azure, Amazon Web Services)** and **Go-Daddy** Web hosting tools.
* Experience in **Handlebars, JQuery (document traversing, event handling), Ajax server calls**.
* Experience in Scrum, Agile Methodologies and Issue/Bug Tracking using **JIRA**.
* Working Knowledge of integrating Databases (**Mongo DB / MySQL**) using **Node js** and **java**.
* Highly adaptive learner and analytical technology freak with a penchant for adapting changes.
* **Additional Web Skills**: Proficient in **SEO, SEM, WordPress**, Google Analytics, Google Webmaster tools, Robots.txt, Search engine submissions, Search visibility.

**Education**

**California State University, Fullerton**

M.S in Computer Science (GPA-3.21) **Aug 2014 - Aug 2016**

**Guru Gobind Singh Indraprastha, New Delhi, India Aug 2010 - Aug 2014**

B. E in Information and Technology (GPA-3.56)

**Work Experience**

**Noribachi, Los Angeles, USA June 2016-Present**

**Role: Computer Science Engineer**

**Project Pulse**: Developed Multi-threaded Java IOT based Desktop software pulse 2 to interact with Arduino over UDP network in real-time. Pulse 2 controls LEDs and retrieve data from various sensors which make them Smart LED.

**Web Development project: SiteAdmin**

* Worked end to end on restful Web application which is based on MVC pattern.
* Automated tasks using Grunt: minifying CSS, Handlebars.
* Moved website template from Mustache.js to Handlebars.js.
* Implemented file/image uploads using multer.
* Created a schedule using npm-schedule for writing to Google sheet using Google API.
* Technology stack: Nodejs, JQuery, Express, Handlebars, Ajax, HTML/CSS.

**Amazon Web services, Seattle**

**Role: Software developer engineering intern Jan 2016- May 2016**

* Worked on supply chain to provide a system to dynamically provide user short-term credentials.
* Implemented restful Web service and performed database operations.
* Worked on Ruby on rails to create rich interactive content using MVC.
* Integrated dynamo DB (Cassandra) with java web service for large datasets.
* Gained working experience on bootstrap, HTML, restful API, Java, Databases/SQL, DB2, Web Services, TDD/JUnit, RHEL5, Git-farm, Git, Shell.

**California State University, Fullerton Oct 2015 - Dec 2015**

**Role: Web Software Developer**

* Good hands on experience on server side programming skills in Java (apache tomcat).
* Developed WordPress website using frontend HTML, CSS, JavaScripts.
* Worked on Ruby on rails to create rich interactive content using MVC.
* Integrated java server to produce dynamic pages.
* Managed Go-daddy domains and hosting accounts.

**I-Catch Marketing, San Diego July 2015 – Oct 2015**

**Role: WordPress Developer /Seo**

* Improved Page speed by 50% and improved website on-page google ranking significantly.
* Setup and analyzed Google analytics and Webmaster tools for organic search rankings.
* Created XML Sitemap and submitted on google and yahoo search engines.

**Academic Projects:**

**Movie Rating and Recommendation System**

* Made queries on Cassandra 10 million dataset using sparkSQL.
* Designed a recommendation model using Hive, HDFS, Java Spark, Cassandra, Spark-hive-thrift server.

**Research Project- Artificial Neural Network**

* Implemented the Backpropagation Algorithm using a Single Layer Feed Forward Neural Network. Streamlined the evaluation of the problem of distinguishing a Male and Female crab using the Backpropagation algorithm. Designed a neural network based on Backpropagation algorithm to separate different fruits based on their feature, size, texture using MATLAB.

**Website Design: Le Delice**

* Designed a website for a startup company Le Delice based in Delhi, India. As a lead Developer for the website designed the site using WordPress, HTML5, CSS3, Google maps api.

**Academic Achievements:**

* Built Android and blackberry applications using emulator with more than 20k Downloads.
* Participated and amazon 2016 intern Hackathon.