

JITENDRA GADHWAL

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ACADEMIC DETAILS

Year	Degree	Institute, City
2013-2017	B.Tech.	Indian Institute of Technology (IIT), Delhi

SUMMARY

- **CTO, PhotographAI** (June 2017 – Feb 2018) a start-up **working** in **ML based solutions**.
- Worked on **wide** range of **technologies** from **front-end** to **backend** whether it is **GUI**, **Mobile** or **Web** application or it is a **DevOps**, **Server administration**.
- **Background** in all **phases** of software **engineering** including **Analysis**, **Design**, **Coding**, **Testing**, and **Implementation**.
- I have been **working** on **development** and **cloud technologies** since 2015 (my college days).
- Believe in “Always code as if the guy who ends up maintaining your code will be a violent psychopath who knows where you live.” - Rick Osborne.

AWARDS

Pioneer’s Makerthon by TATA Group:

- Future **mobile** messaging **tool** competition (**National Level**), Tryst, IIT-Delhi.
- Stood **2nd** out of **250** teams, won **1 Lakh** cash prize with intern opportunity at **TATA** group.

PROFESSIONAL EXPERIENCE

PhotographAI, CTO:

June, 2017 - Feb, 2018

- An **Artificial Intelligence** company developing **novel algorithms** and **high impact solutions** for real world **problems** through **robust API’s**.
- Hands-on **experience** of **entire** software development **stack** as well as code **reviews**, **designing** system **architecture** and being an **interim CTO**.
- Led team on **single-page App** dashboard for **clients** with **AngularJS** and **Bootstrap 3**, using a **REST API** backed by **MEAN stack**, **deployed** via **AWS**.
- Developed **company’s** sales dashboard in **Aurelia** with back end, in **NodeJS**, **Express**.
- Worked on **JavaScript**, **TypeScript**, **CSS**, **HTML**, **Node.js**, **ES6**, **Promises**, **architecture**, **git**, **git-flow**, **mobile** application, **single page web App** **Angular** and **Aurelia**.
- **Experience** in both **Client Side** (both **web** and **mobile**) and **Server-Side** Programming.
- **Developed** and **modified** **JSON RESTful API** according to client requirements.
- Experienced in **Object Oriented Programming (OOP)** concepts, **Java**, **C++**, **Python**.
- Experience in **Implementing Organization** **Cloud Engineer strategy** in various **environments** of **Linux based servers** with adopting **cloud strategies** based on **AWS**.
- As a **CTO** worked on **Aws** (Amazon web services): **EC2**, **VPC**, **IAM**, **S3**, **Amazon Glacier**, **ELB**, **Cloud Watch**, **RDS CONFIG**, **ROUTE 53**, **Build and Release management**.
- Worked **exclusively** on **making** applications more **scalable** and highly **available** system in **AWS** (**load balancing**) with full **automation**.

- **Migrating and Managing DNS** entries in **Route 53** and various **DNS providers**.
- Also Made a **popularity prediction** mobile application, through which users can know popularity score of their gallery **photos**.
- Integrated **OTP** verification, **SDK's** for push **notification**, **crash reporting**, **Analytics in mobile application**.
- Implemented **social media** login and sharing feature using Facebook, google+, Instagram.
- Strived for **elegance** and simplicity in code while focusing on **scalability**, readability and **standards** complicity.

Engine Chief, Full Stack Developer:

May, 2016 - July, 2016

- A **marketplace** to buy and sell **used** commercial **vehicles** in India.
- **Designed and developed** a **SAAS** product for the company as a **full stack developer**.
- Used HTML, CSS, **Bootstrap**, **jQuery** along with **backend NodeJS** and **MongoDB**.
- **Helped** company to **boost** sales by providing **user friendly Dashboard** for end users.
- **Implemented** Code in **modular fashion** so that there will **no issue** arise while adding **new feature** or **modifying** existing feature.
- Used **AJAX**, **JSON** with **jQuery** for request data and **response processing**.
- **Formulated** procedures for **different** activities such as **input validation** and **user tracking**.
- **Supported** technical **team** members in development of **functional** and **visual** user interfaces.

Easyflaire, Software Engineer:

Dec, 2015 - May, 2016

- An **online fashion** rental store. Rent high end **designer apparels** both western and ethnic.
- **Full stack** web developer on the **enterprise e-commerce** product and lead a team of 3 interns.
- **Developed** product from **scratch & manage** it on both **Web and Mobile platforms**.
- Developed **JSON RESTful API** service for **mobile app**(Android) in two-month period, including **OAuth**, user's **profiles**, **messages**, **friendship** and etc (**Node.js**, **Express**, **Socket**).
- As a **Tech team leader** worked on **DNS management**, load balancing, **server maintenance**.
- **Build and release** Ec2 instances for **Development** and **Production** environment.
- **Launching and configuring** of Amazon EC2(AWS) **Cloud Servers** using **AMI's (Linux)** and configuring the servers for **specified applications**.
- **Troubleshooted** issues affecting **production**, **staging**, and **development** environments.
- Participated in **continuous learning** of **web development** methods and **UI designing trends**.
- Led the **design and development** of mobile app in **Native Java**, **middle-ware** modules, proof-of-concept (**POC's**), **libraries**, **SDK's**, **API's**.
- **Integrated** user **shopping cart**, **billing**, **filter** selection in mobile App along with **Rest API's**.
- Implemented **system** to **track** user **behaviour** and **crash reporting** inside app.

Hoodoo, Mobile Application Developer:

Nov, 2015 - Dec, 2015

- **Helps** users, from **finding** a **product** or **service** to getting it **delivered** at your doorstep.
- Created **UI** and **UX** components while keeping design **guidelines** in mind.
- Perform **test cases** according to **design specifications** to ensure product **functionality** and business **needs** are correctly interpreted.

- Improve user **experience** through **Bug fixing** and **releasing** new builds of the application.

RunnerBee, Android Developer:

May, 2015 - July, 2015

- An **on-demand helper** providing **service** like document delivery, pickup and drop service.
- Integrated **Native java** front ends with **NodeJS** backend and **NoSQL** database **MongoDB**.
- **Integrated** the Google **Maps**, **GCM** SDK for **Android** along with different **Rest API's**.
- Facilitated **multithreading** and **asynchronous** downloading of data on background **thread**.
- **Published** Android **application** while establishing **framework** for future **platforms**.

TECHNICAL SKILLS

- **Native Java**, **XML**, Android Studio, **OOP**, **CleverTap**, **Crashlytics**, **Firebase** and **SDK's**
- **Core Programming:** C++, Java, Python
- **Web Development (front-end):** HTML, CSS, Bootstrap, JavaScript, AngularJS, Aurelia
- **Web Development (back-end):** NodeJs, Express, Python, Django, flask, MEAN Stack
- **Android Development:** Java, XML and various API's and SDK's for android
- **GUI Programming:** Python (Tkinter)
- **Server/Cloud Hosting:** Amazon Web Service (AWS)
- **Cloud Technologies:** **AWS** (Amazon web services): EC2, VPC, IAM, S3 Bucket, CLOUD WATCH, ELB, DNS Management, ROUTE 53, SNS, SQS.
- **Scripting languages:** Power Shell Scripting, shell;
- **Version Control Systems:** GIT.
- **Automated Build and CI Tools:** Jenkins;
- **Testing tools:** Junit;
- **Protocols:** Worked on TCP/IP, SSH, UDP, SMTP, FTP.
- **Databases:** MySQL, PostgreSQL, NoSQL and SQLite
- **Operating Systems:** Linux, Windows and Mac OS X