

Internship Training Report
Submitted in
partial fulfillment
of the
Degree of Bachelors of Technology
In
Software Engineering
Submitted by:
Ashish Kumar (2K18/SE/041)



DEPARTMENT OF SOFTWARE ENGINEERING
DELHI TECHNOLOGICAL UNIVERSITY
(Formerly Delhi College of Engineering) Bawana Road, New
Delhi-110042

CERTIFICATE



Date: 09/07/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Ashish Kumar from **Delhi Technological University, Delhi** has successfully completed his Internship in the “**Web Designer**” team under **Gromax Technologies Pvt. Ltd, Delhi** from 14th May 2021 to 9th July 2021. He has completed the internship under the guidance of Mr. Ashish Singh & Mr. Pankaj Thakur.

We wish all the best for his future endeavours.

Warm Regards,

Gromax Technologies Pvt. Ltd.
CIN No. U72900DL2011PTC216563

A handwritten signature in blue ink, followed by a circular blue stamp containing the text 'GROMAX TECHNOLOGIES PVT. LTD.' and 'NEW DELHI'.

SK Chauhan
Director

A handwritten signature in black ink.

Signature of Candidate

Gromax Technologies Pvt. Ltd.

S-548, 2nd Floor, School Block Part-2, Shakarpur, Delhi-110092 Tel: +91-11-45665577
Email: skc@gromaxtechnologies.com www.gromaxtechnologies.com

Acknowledgement

The internship opportunity I got at Gromax Technologies working as a web designer was a very good experience in my life.

At the outset, I express my heartfelt thanks and gratitude to those who sincerely helped and supported me throughout my internship process and without their active support and help it would not have been possible for me to complete the venture.

I would like to express my profound gratitude and deep regards to my mentor Ashish Sir and Pankaj Sir for their active guidance and constant supervision together with time to time providing with necessary information associated with the project following active support in completing the project and provided good insights and advice that will be helpful in developing my career.

I also take the opportunity to express my heartfelt gratitude to Gromax Technologies for giving me opportunity to work as an intern in their prosperous company.

Finally, I would also like to express my earnest gratitude to my mentors and colleagues for their constant support and encouragement and weekly assistance on everything related to my internship project, without which the project would not have been completed.

Regards,
Ashish Kumar

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1.INTRODUCTION

OVERVIEW

Name of the Student: Ashish Kumar

College: Delhi Technological University

Branch and Batch: B.Tech Software Engineering (A1)

Roll Number: 2K18/SE/041

Name of the Company: Gromax Technologies Pvt. Ltd.

Internship Duration: 2 months (8 weeks)

Starting Date: 14th May 2021

Ending Date: 9th July 2021

Stipend Offered: Rs. 10,500/- per month

Company's Office Address: S-548, 2nd Floor, School Block, Part 2,
Shakarpur Khas, New Delhi- 110092, Delhi, India

Mode of Internship: Virtual (Work from Home)

2. Company's Profile

2.1 About Company



Gromax Technologies Private Limited established in the year **2011** is one of the foremost **Wholesaler, Trader, Retailer, Importer, Distributor, and Exporter** an extensive array of BOSCH IP Bullet and Dome Camera.

Gromax Technologies are Distributor, Trader, Retailer of BOSCH CCTV Cameras, Public address & Voice Alarm Systems, Audio Conference Systems, Fire Alarm Systems, Intrusion Alarm Systems & Access Control Systems.

Company's Mission: Company's mission is to provide most efficient and economical solutions to all their customers for personal as well as commercial use. They provide concepts and consultancy regarding future needs, current requirements and past values.

Some more basic information about the company:

1. **CEO of Company** – Mr. S.K. Chauhan
2. **Registered Office Address** – S-548, 2nd Floor, School Block, Part 2, Shakarpur Khas, New Delhi- 110092, Delhi, India
3. **Total Number of Employees** – 26 to 50 People
4. **Annual Turnover** – Rs. 25 - 50 Crore
5. **Company's Website** – <https://www.gromaxtechnologies.com/>

2.2 Departments

Gromax Technologies have a team that consists of professionals who are immensely skilled. These professionals work hard round the clock and well aware of the responsibilities allotted to them. Their efficient team works in coordination with other members of the team and clients and ensures every delivery of the products is done within the stipulated time.

Gromax Technologies team of professionals includes the following:

- **Engineers:** They are basically support engineers and hardware engineers. Support engineers provide support while installing the camera and various products. Hardware engineer maintain product's hardware systems.
- **Technocrats:** There are some individuals working in this company with technical training and occupations who perceive many important societal problems as being solvable with the applied use of technology and related applications.
- **Quality inspectors:** They monitors the quality of incoming and outgoing products or materials that is offered by Gromax Technologies.
- **Customer care personnel:** They are responsible for answering customer questions and addressing their concerns.

3. THE INTERNSHIP

3.1 Selection Process

I saw their intern hiring program on naukri.com and then I applied on it and I have uploaded my resume and had wrote cover letter in a form and after one week I got a call from Hiring manager of Gromax Technologies and he sent me zoom meeting link to my personal email id for an interview where he asked questions regarding my academics, achievements, my technical knowledge and some behavioral questions. After the completion of round, I got a call from him approx after one hour and he told me that I am selected for web designer role. One day later, I received offer letter from Gromax Technologies.

3.2 Job Profile

I was hired by Gromax Technologies for the position of the Web Designer. The job has the following duties:

- i. Designing responsive landing pages.
- ii. Testing and improving the overall design of the website.
- iii. Maintaining the appearance of websites by enforcing content standards specified by the company.
- iv. Designing interactive web pages, including interactive colors and fonts.
- v. Creating web pages with the help of web designing languages like HTML, CSS and JavaScript.

3.3 Work Environment

The COVID-19 pandemic rendered an on-site internship impossible, so the internship was conducted in a virtual format. I worked from home through my laptop, and was required to maintain contact with my mentors and provide them with frequent updates via email or by using video calling application. Throughout the virtual internship the work environment remained collaborative and enjoyable. With extremely helpful mentors and interesting work job, the summer internship was a great experience.

4. TOOLS USED

I have used VS Code as software to write code and netlify for testing before deploying the website to the internet.

- i. **Visual Studio Code** is an open source code editor which runs on desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, Typescript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity).
- ii. **Netlify** is a cloud platform that offers hosting and serverless backend services for web applications and static websites.



5. TECHNICAL SKILLS LEARNT

I have worked as a front end web designer so I have learned following technologies:

- i. **HTML and CSS:** Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets for improving the UI of the webpage and for making more interactive and beautiful website.
- ii. **Javascript and JQuery:** JavaScript is a text-based programming language used both on the client-side and server-side that allows us to make web pages interactive. JQuery is a JavaScript library designed to simplify HTML DOM manipulation, as well as event handling, CSS animation.
- iii. **Bootstrap:** Bootstrap is a free and open-source CSS framework directed at responsive, mobile friendly front-end web development. It contains CSS and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.



6. WEEK WISE REPORT

INTENRSHIP TIMELINE

- 1st week - Induction & training.
- 2nd week - Creating landing page of the company.
- 3rd week - Creating Profile i.e. “Who we Are” webpage.
- 4th week - Giving update to the manager and had discussion with mentors about next assignment and for upcoming week work.
- 5th week - Creating “Contact Us” and “Quality compliance” webpage.
- 6th week - Creating “Our Products” webpage.
- 7th week - Integrating the code, Testing & deployment.
- 8th week - Final wrap up and Farewell.

6.1 Week 1

Induction and Training

The internship started from 14th May (Friday). The day started with a small induction program held virtually on zoom meeting which included introduction and welcome speech by the CEO of the company Mr. SK Chauhan. I learned about the company's guidelines and duties and how the things would be going over the course of 2 months. Then after weekend off, on Monday I was introduced to the mentor Mr. Ashish Singh who is the senior operation manager in the company and Mr. Pankaj Thakur. There were some discussions about my skill sets and Resume. Then he introduced me with the project in which I would be working over the entire internship duration.

Week 1 involved mostly learning and revising the basic concepts of HTML, CSS and JavaScript including loops, function calls, closures and event handling. This was followed by learning some advanced concepts of JavaScript and starting with JQuery - A library in javascript. The important thing to learn here is the proper usage of JQuery in order to minimize the program code written in Javascript along with event handling, DOM manipulation and adding / removing CSS classes. My mentor told me to learn bootstrap as well for creating mobile friendly website and I learnt bootstrap's different classes of advanced CSS.

6.2 Week 2

System setup and First Assignment

This week started with a system setup in which mentors suggested me to use VS Code to write code and they told me about netlify platform.

I had a session with the mentors virtually. We had a one to one session on how we are going to make landing page of company. So my mentor and I created a sample rough webpage layout on MS-whiteboard that how it should look like and then we discussed with the manager to know about what should be there on landing page. Then we discuss the technologies that need to be used to build this webpage. So we decided to use HTML, CSS, Bootstrap and JS for building this.

I was told to make webpage using HTML and after making it my mentor suggested me to make some changes like to link each webpage with landing page using href tag for seamless experience for the user. I have made header, menubar and dropdown bar and footer using HTML, CSS. After finalizing the basic webpage, I was told to add CSS in it to look beautiful. I worked on the styling of webpage and the main problem was to make mobile friendly website as well, so it was very difficult to align texts with desktop as well as with mobile view. I have also used bootstrap carousel classes to make slideshow of cameras on landing page. Mentors keep providing assistance at regular basis whenever I was not able to write correct code.

After that I was told to implement JavaScript in order to make more interactive webpage by using JS library jquery like popup contact form whenever user clicks on “Get Instant Quote” button and to display some messages when user hovers to some particular part.

Both Mentors were very polite and very cool in terms of deadline. They give me full one week to make landing page of the website and I was successful in making it.

6.3 Week 3

Second Assignment

Before starting with next assignment, I had a meeting session with the mentors virtually on which we discussed how we were going to make “*Profile*” page in which about Gromax Technologies was to be written. So I again created a sample rough webpage layout on MS-whiteboard that how it should look like and then I collected the resource means the content that should be there on Profile webpage. I used HTML, CSS and JS for building this.

Then I was told to make webpage using HTML. After that I was told to add CSS in it. Then I worked on the styling of webpage and for footer I took code from landing page that I made since footer is same for all webpage.

After that I was told to implement JavaScript in order to make more interactive webpage by using JS library jquery like adding popup messages and to view certificates in that page only, not to open in separate window.

After a week, I was able to create Profile webpage very comfortably.

6.4 Week 4

Giving update to manager and discussion

This week was less hectic as compared to previous weeks. In the starting of 4th week, mentor texted me and asked me to join zoom meeting where manager had also joined. Manager asked me to prepare a report consisting of brief overview of the work that I have done till now. Deadline given to submit the report was next three days. After 3 days I explained each and everything to the manager. He suggested me some points which I need to focus on while working and which was very helpful. Later on, mentors and I had a discussion about the work of upcoming week. He told me to make rough webpage layout of “*Contact us*” and “*Quality compliance*” page prior to week 5.

6.5 Week 5

Third assignment

Since I had already prepared rough webpage layout in week 4, now no meeting session was held virtually, so I started to make “*Contact us*” webpage in which user can contact to company’s officials to resolve their issue or concerns. I created a form in which users can provide details of their concerns. I used HTML, CSS and JS for building this. Then I was told by mentor to make “*Quality compliance*” webpage where company’s service quality is displayed. After building it, I link all other webpage with these webpages and for footer of both webpages I took code from landing page that I made since footer is same for all webpage.

This time I was able to complete the assignment before the deadline.

6.6 Week 6

Fourth assignment

Before starting with next assignment, I again had a meeting session with the mentors virtually on which we discussed how we were going to make “*Our Product*” page in which the products that Gromax Technologies offers was to be written. So I again created a sample rough webpage layout on MS-whiteboard and asked one of the mentors to check it and after approving, I collected the resource means the products that should be there on this webpage. I used HTML, CSS and JS for building this. I used CSS flex cards properties to display products and provided “View All” option to get broader view of that product.

After completing all the assignments, I explained each webpage’s code and working of each webpages to the mentors. They were very happy with my work.

6.7 Week 7

Integrating the code, Testing & deployment

All the integration of code files, testing of website and finally deploying it on the internet was done in this week. Integration was a pretty difficult job since even one mistake could hamper the working of the entire project. After integration of various code files into one main folder, I tested the webpages after uploading it on netlify platform for debugging on various testcases like whether all the reference links was working fine or not, whether all the content of page is correct or not, whether all the error messages was showing or not when user entered invalid information on “*Contact Us*” form etc. and after debugging all the webpages that I had created, I resolved all issues that occurred during testing. Mentors also tested the website and after their testing and approving my work, one of the mentors finally deployed the website to internet.

6.8 Week 8

Final wrap up and Farewell

It was the last week of my internship. This week started with a virtual meeting with the manager who was willing to see my work. He asked me to prepare a presentation consisting of whole work done by me during the internship. I prepared the PPT. On second last day of my internship the manager asked me to present it in front of mentors and company’s senior employees and asked me to explain how things were working in the website. Both manager & mentors were pretty happy and appreciated my work.

On last day of my internship my mentor planned a virtual farewell wherein all the senior employees including CEO participated and congratulated me on successful completion of internship. They also wished me for my bright future ahead.

This eight week journey was one of the greatest experience in my life which would be worth remembering whenever I will look back to my college days.

7. LEARNINGS FROM THE INTERNSHIP

I learnt a lot of things during this 2 month internship period. These included both technical and non technical skills which I will stay with me throughout my life. Most of the skills I learnt have already been mentioned in the timeline above. However, summarizing them in short some of the technical skills acquired during the internship are:

Technical Skills

- HTML and CSS
- JavaScript and JQuery
- Bootstrap: Designing a good UI
- Code formatting and shortcuts
- Debugging.

Apart from the technical skills I learnt some interpersonal skills as well which helped me in improving my personality. I also learned how to handle pressure and work on deadlines.

Interpersonal Skills

- Confidence
- Public speaking
- Analytical and decision making
- Pressure handling.

I gained enough experience during the internship which I can reflect on my full time job whenever I joined. I learned how a professional web designing process works and experienced corporate world as well. **So in a nutshell this internship has taught me a lot of things which would help me both technically and personally to grow as a Web Developer.**

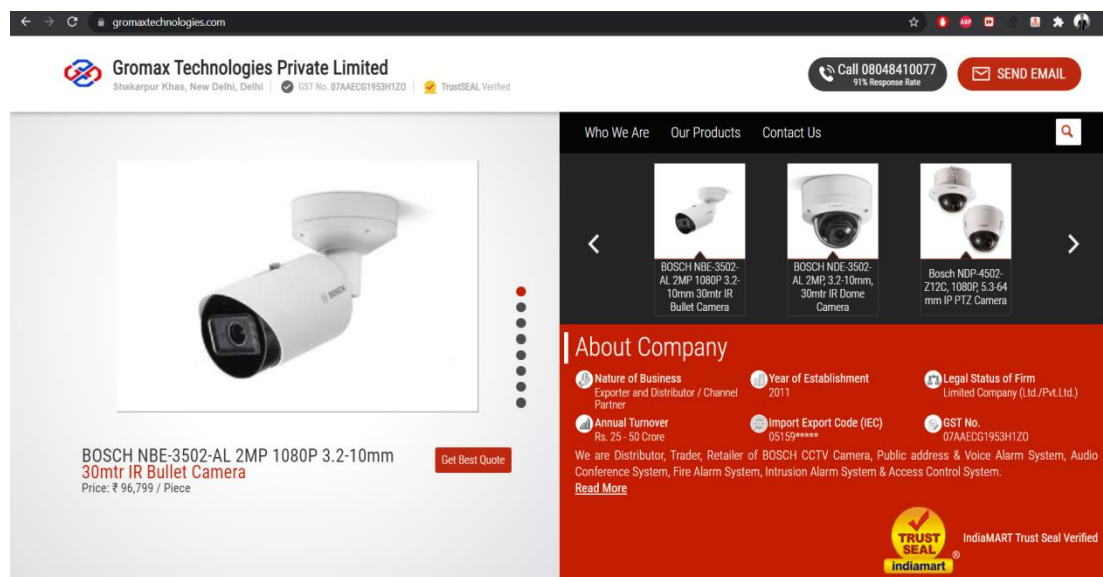
8. OUTCOME

After 2 months of constant hard work and learning I was able to deliver a decent amount of work to the organization. I have made these following webpages of Gromax Technologies website:

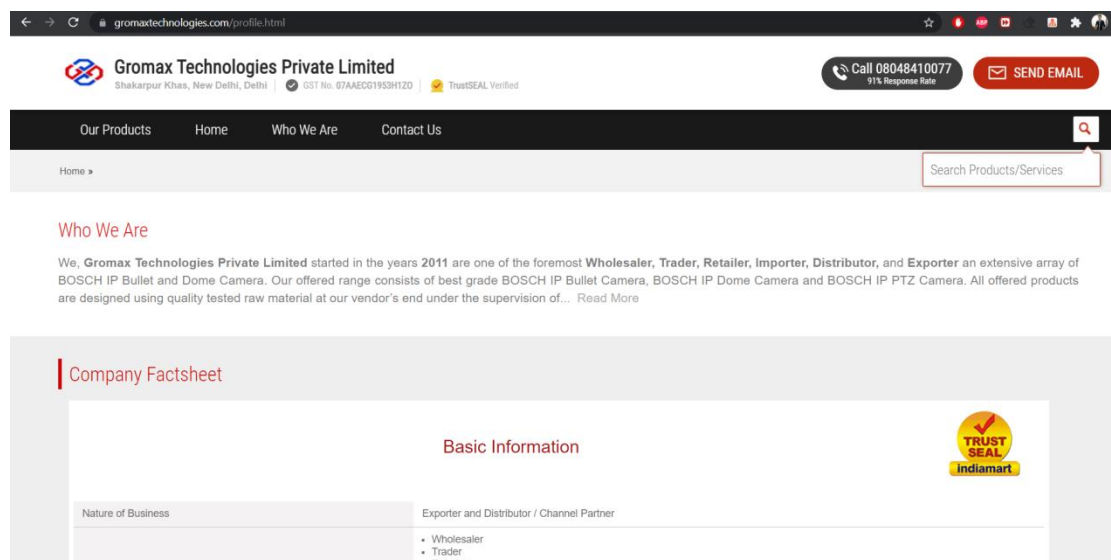
1. Landing Page: <https://www.gromaxtechnologies.com/>
2. About Us Page: <https://www.gromaxtechnologies.com/profile.html>
3. Contact Us Page: <https://www.gromaxtechnologies.com/enquiry.html>
4. Quality & Compliance Page:
<https://www.gromaxtechnologies.com/quality-and-compliance.html>
5. Our Product Page: <https://www.gromaxtechnologies.com/security-system.html>

Here are screenshots of these webpages:

Landing Page:



About Us Page:



Contact Us Page:

Home »

Search Products/Services

Contact Details

Contact Person:
S.K. Chauhan (Director)

Address: [Get Direction](#)
Gromax Technologies Private Limited
S-548, 2nd Floor, School Block, Part 2,
Shaktipur Khas, New Delhi - 110092,
Delhi, India

Call Us:
08048410077 [Send SMS](#)

[Other Contact Details](#)

Contact Us

To Get Best QUOTES Describe Your Requirements in Detail Like:
- What Are You Looking For
- Features / Specifications
- Application / Usage
- Minimum Order Quantity, etc.

+91 Enter your number:

Enter your name:

[Contact Now](#)

Quality & Compliance Page:

Home »

Search Products/Services

Quality Assurance

Since establishment, we are engaged in trading, distributing & providing a Quality services. We take all necessary steps to offer quality services to our patrons. To serve this purpose, we have appointed dexterous quality controllers, who keep a vigilance on our services. Our professionals ensure that these services are delivered in accordance with the international quality standards. They assure that all the services are executed safely and all the systems are properly installed. Our personnel make sure that the services are offered within a stipulated time frame. The security systems offered by us are appreciated for their accuracy and high results. Our services are recognized for their reliability, cost-effectiveness and promptness.

For more Information: [Contact Us](#)

Our Products Page:

Home »

Search Products/Services

Security System

We are a famous Wholesaler, Trader, Retailer, Importer, Distributor, and Exporter of the quality approved an array of BOSCH IP Bullet and Dome Camera. Also, we are offering Annual Maintenance AMC Service to our valued clients.

BOSCH Loudspeakers

BOSCH Dome Camera

BOSCH PTZ Camera

BOSCH Plena Amplifiers