

## ANSHUL GUPTA

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### WORK EXPERIENCE

#### Co-Founder, *Midnyt Hunger Solutions (MHS)*

Jan '16 – May '16

*MHS delivers food at people's doorsteps during night (11PM – 3 AM). We curated the menu and provided food to specifically meet the need of students living in hostels at night who would otherwise have to travel 10+ KMs to get it.*

- **80,000 in revenue, 4000 in profit, 140+ registered customers and 500+ served orders** in 2.5 months.
- Developed minimal inventory management software to keep track of procured raw materials, orders and financials.
  - **Maven** as the build tool and **Git** as the **version control system (VCS)** to develop the project.
  - **Java (Java collections, Core Java, JSON, Gson library), Spring MVC, Hibernate** to develop the backend
  - **MySQL** as the database to store structured information. 100000+ rows of data stored and retrieved.
  - **JSP, HTML and CSS** to develop the frontend system.
  - **Model View Controller, Factory and Singleton** design patterns while developing the project.
- **Operations** – Partnered with 5+ Bakeries for procurement and hired 4 Domino's Pizza delivery guys for part-time work
- Spoke to 25+ **customers** to **understand pain points** and resolved them. (Major pain point that food not hot at delivery)
- **Marketing** – Distributed Pamphlets at targeted locations, and created buzz on social media by tapping my friend circle

#### Freelancer, *Crime Analysis Software for Madhya Pradesh Police*

Feb '15 to July '15

*An online system was developed to categorize FIR of various crimes lodged all over the province to generate reports, graphs and statistical data. This project is being used by Madhya Pradesh Police Department. ([http://cid.mppolice.gov.in/crime\\_analysis](http://cid.mppolice.gov.in/crime_analysis))*

- **500000+ FIRs** have been lodged till date **enabling MP police** to easily register, retrieve and categorize FIR's.
- Spring MVC, Hibernate, MySQL and Java (Java collections, Core Java, JSON) to develop the backend.
- **Bootstrap** framework to develop the frontend system of the application.
- **Google Charts API** to generate graphs and reports.
- **Deployed** the project on **Apache Tomcat** and used **Maven** as build management software.
- **Coordinated** with the MP police officials to understand the project requirements and finalize its scope

### EDUCATION

<b>B.E.(Information Technology)</b>	–	<b>RGPV</b>	–	<b>7.38/10 (CGPA)</b>	<b>July '13 to Jun '17</b>
<i>Acropolis Institute of Technology and Research</i>					
<b>Class 12<sup>th</sup> (Senior Secondary)</b>	–	<b>CBSE</b>	–	<b>72%</b>	<b>May '12 to May '13</b>
<b>Class 10<sup>th</sup> (Higher Secondary)</b>	–	<b>CBSE</b>	–	<b>8.40/10 (CGPA)</b>	<b>May '10 to May '11</b>

### TECHNICAL SKILLS

*Concepts* – Object Oriented Programming (OOP), Data Structures, DBMS

*Frameworks* – Spring MVC, Hibernate, Git, Bootstrap, Maven

*Programming Languages & Database* – C/C++, JAVA, MySQL, JavaScript, HTML, CSS

### ACADEMIC TRAINING AND PROJECTS

#### *Buyer Seller Portal (BSP)*

*BSP is an **ecommerce platform** which allows buyers and sellers to carry out transactions over the internet.*

- Seller portal, which enable sellers to upload product details like image, description, price etc.
- Consumer portal, which enable buyers to browse, search and contact seller to buy a product.
- **Model View Controller (MVC), Factory and Singleton** design patterns while developing the project.
- **Java (Java collections, Core Java, JSON, Gson library), Spring MVC, Hibernate** to develop the backend
- JSP, HTML and CSS to develop the frontend system and deployed application on local server.
- **MySQL** as the database to store structured information. Indexed tables to provide a low latency service.
  - Benchmarked latencies in indexed v/s non-indexed database to study its effects and presented the results in a seminar.

#### *College Bus Route Search*

*Ideated, designed and developed a **web application** which provides information about college buses, routes and timings.*

- **Two-sided platform** which allowed the admin to change **bus route timings** as needed and allowed students to view it.
- Used Java (Java collections, Core Java), Spring MVC and MySQL for backend development.
- Used **Bootstrap** framework to develop the frontend system of the application and Apache tomcat to deploy.
- Coordinated and collected information by interacting with bus administration department.

### ACHIVEMENTS AND EXTRA CURRICULARS

- **State and District Level Gold medalist in Volleyball**, (Represented my school and college at various tournaments).
- **State and District level Gymnast**, Member of **NCC AIRWING** and **NGO (Non-Government Organization) 'Muskaan'**.
- Participated, Volunteered and co-ordinated in **NEN(National Entrepreneurship Network)** and annual fest(**ARDOR '15 '17**).
- Worked as **Student Editor** for Information Department's quarterly magazine **PAHAL**