

```
\documentclass[letterpaper,11pt]{article}

\usepackage{latexsym}
\usepackage[empty]{fullpage}
\usepackage{titlesec}
\usepackage{marvosym}
\usepackage[usenames,dvipsnames]{color}
\usepackage{verbatim}
\usepackage{enumitem}
\usepackage[hidelinks]{hyperref}
\usepackage{fancyhdr}
\usepackage[english]{babel}
\usepackage{tabularx}
\input{glyphtounicode}

%-----FONT OPTIONS-----
% sans-serif
% \usepackage[sfdefault]{FiraSans}
% \usepackage[sfdefault]{roboto}
% \usepackage[sfdefault]{noto-sans}
% \usepackage[default]{sourcesanspro}

% serif
% \usepackage{CormorantGaramond}
% \usepackage{charter}

\pagestyle{fancy}
\fancyhf{} % clear all header and footer fields
```

```

\fancyfoot{}
\renewcommand{\headrulewidth}{0pt}
\renewcommand{\footrulewidth}{0pt}

% Adjust margins
\addtolength{\oddsidemargin}{-0.5in}
\addtolength{\evensidemargin}{-0.5in}
\addtolength{\textwidth}{1in}
\addtolength{\topmargin}{-.5in}
\addtolength{\textheight}{1.0in}

\urlstyle{same}

\raggedbottom
\raggedright
\setlength{\tabcolsep}{0in}

% Sections formatting
\titleformat{\section}{
  \vspace{-4pt}\scshape\raggedright\large
}{0em}{0}{\color{black}\titlerule \vspace{-5pt}}

% Ensure that generate pdf is machine readable/ATS parsable
\pdfgentounicode=1

%-----
% Custom commands
\newcommand{\resumeltem}[1]{
  \item\normalsize{
    #1 \vspace{-2pt}}

```

```
}  
}
```

```
\newcommand{\resumeSubheading}[4]{  
  \vspace{-2pt}\item  
  \begin{tabular*}{0.97\textwidth}[t]{l@{\extracolsep{\fill}}r}  
    \textbf{#1} & #2 \\  
    \textit{\small#3} & \textit{\small #4} \\  
  \end{tabular*}\vspace{-7pt}  
}
```

```
\newcommand{\resumeSubSubheading}[2]{  
  \item  
  \begin{tabular*}{0.97\textwidth}{l@{\extracolsep{\fill}}r}  
    \textit{\small#1} & \textit{\small #2} \\  
  \end{tabular*}\vspace{-7pt}  
}
```

```
\newcommand{\resumeProjectHeading}[2]{  
  \item  
  \begin{tabular*}{0.97\textwidth}{l@{\extracolsep{\fill}}r}  
    \normalsize#1 & #2 \\  
  \end{tabular*}\vspace{-7pt}  
}
```

```
\newcommand{\resumeSubItem}[1]{\resumelitem{#1}\vspace{-4pt}  
}
```

```
\renewcommand\labelitemii{$\vcenter{\hbox{\tiny$\bullet$}}$}
```

```
\newcommand{\resumeSubHeadingListStart}{\begin{itemize}[left
margin=0.15in, label={}]}
\newcommand{\resumeSubHeadingListEnd}{\end{itemize}}
\newcommand{\resumeltemListStart}{\begin{itemize}}
\newcommand{\resumeltemListEnd}{\end{itemize}\vspace{-5pt}}
```

```
%-----
%%%%%%%%% RESUME STARTS HERE
%%%%%%%%%
```

```
\begin{document}
```

```
%-----HEADING-----
% \begin{tabular*}{\textwidth}{l@{\extracolsep{\fill}}r}
% \textbf{\href{http://sourabh Bajaj.com/}{\Large Sourabh Bajaj}}
& Email :
\href{mailto:sourabh@sourabh Bajaj.com}{sourabh@sourabh Bajaj.
com}\\
% \href{http://sourabh Bajaj.com/}{http://www.sourabh Bajaj.com}
& Mobile : +1-123-456-7890 \\
% \end{tabular*}
```

```
\begin{center}
\textbf{\Huge \scshape Lakshya Aggarwal} \\ \vspace{2pt}
% \normalsize F-1 OPT Status\\
```

```
% \normalsize +1-646-591-0740 $|$
\href{mailto:x@x.com}{{lakshyaaggarwal1@gmail.com}} \\
```

```
\href{https://www.linkedin.com/in/la0611}{linkedin.com/la0611}
|$
\href{https://github.com/...}{github.com/laksh-ag}{\linebreak}
{{Email id: aggarwallakshya94@gmail.com}} $|$ {{Phone no:
+1 425-477-6455}}
\end{center}
```

```
%-----EXPERIENCE-----
```

```
\section{Experience}
```

```
\resumeSubHeadingListStart
```

```
\resumeSubheading
```

```
{Software Development Engineer II}{Sep 2022 -- Present}
```

```
{Expedia Group}{Seattle, WA}
```

```
\resumeItemListStart
```

```
\resumeItem{Part of PM Experience team that is responsible
for onboarding properties to Escapia portal.}
```

```
\resumeItem{Developed an escapia-search service for our
property managers that will allow them to search for the
properties that are available between two dates in a city with real
time prices. Took responsibility to develop both frontend and
backend and adding security to endpoints for this service.}
```

```
\resumeItem{This service provides a more user friendly UI to
the property managers, saves their time and eases the search of
available properties with real time prices in one location which
was previously done through different tabs within Escapia portal.
}
```

```
\resumeItem{Managed \textbf{docker} containers for
escapia-search application for testing, development and
```

production environments ensuring consistency in each stage and implemented `\textbf{CI/CD}` pipeline for merging code to production.}

`\resumeitem`{Worked on databases like `\textbf{Elastic search}` where search is very fast, `\textbf{Redis}` for data that needs to be retrieved and stored quickly and `\textbf{MySQL}` for reliable data storage.

}

`\resumeitem`{Responsible for migrating to a new code base that will perform CRUD operations on properties. This new code base would also be emitting kafka messages to elasticsearch to populate database for searching properties. Configured Kafka producer and consumer properties like ip addresses, ports, key and value serializers and deserializers etc to produce and retrieve messages between them.}

`\resumeitem`{Worked on technologies like `\textbf{Java}`, Python, Docker, Kubernetes, Terraform, Spring boot, Node JS, React, Kafka, MongoDB, JavaScript, SQL}}

`\resumeitemListEnd`

% `\resumeSubheading`

% {Software Engineer}{June 2022 -- Oct 2022}

% {Orbit Systems}{Boise, ID}

% `\resumeitemListStart`

% `\resumeitem`{Worked EBay in one of their application where clients were to be delivered a high cost value item. }

% `\resumeitem`{Worked on getting orders from client and storing them in database.}

% `\resumeitem`{Fixed bugs in the existing code and adding new features to the application.}

% `\resumeitemListEnd`

\resumeSubheading

{Software Development Engineer II}{Sep 2021 -- Sep 2022}

{Clearwater Analytics}{Boise, ID}

\resumeItemListStart

\resumeItem{Part of a team that handles private funds investments of clearwater clients.}

\resumeItem{Developed an application which receives real time private funds data from third party machine learning service through RabbitMQ and then store in the databases that our team owns.}

\resumeItem{This would enable us to store the private funds investments data of our clients in the way we deemed fit as we are now responsible for handling the private-funds data. We would compute the profit/loss and store receipts and other details of our clients.}

\resumeItem{Earlier in a given day, our clients could only see their private funds investments for the previous day. With the new service, they can see it for the current day.}

\resumeItem{Worked on CPD service which is client provided data service where I developed features like getting information of all changes made to a table, fixed bugs and being on-call.

}

\resumeItem{Used different databases for different purposes like `\textbf{MySQL}` to store areements, disclosures etc. when atomicity and consistency is required, `\textbf{Mongo DB}` when document like data needs to be stored like wishlist of stocks and `\textbf{Redis}` when data needs to be read/written very frequently like real time private funds data.}

\resumeitem{Implemented \textbf{websockets} to show real time stock prices and \textbf{server sent events} to display real time private funds data, profit/loss to the customers.}

\resumeitem{Worked on technologies like \textbf{Java}, Kotlin, Spring boot, SQL, Angular, RabbitMQ, Cucumber, Junit}}

\resumeitemListEnd

\resumeSubheading

{Graduate Student Researcher}{Jan 2021 -- May 2021}

{Facebook AI Research}{Amherst, MA}

\resumeitemListStart

\resumeitem{Worked on DCGAN to generate images using various datasets like MNIST, FMNIST, CIFAR10}

\resumeitem{Experimented with architectures by using different number of discriminators and generators are used like 3 discriminators against one generator and vice versa and see how they will perform.}

\resumeitem{Found that learning between the two has to be at the same pace. If one learns faster, it could easily outsmart other like either generator generating the fake images and being detected as real or discriminator always being able to detect that the image is fake.}

\resumeitem{Worked on technologies like \textbf{Python}, Jupyter Notebooks, Google Colab, Pytorch}}

\resumeitemListEnd

\resumeSubheading

{Software Engineer}{Sep 2017 -- Jan 2019}

{Optimus Information Inc.}{Noida, UP}

\resumeitemListStart

\resumeItem{Worked in a car service management service where we provide software solutions to car dealers.}

\resumeItem{Worked on back end to get develop and improved existing endpoints which will receive data and store them in our SQL databases.}

\resumeItem{Developed endpoints to add, update, delete services to the Optimus Info portal.}

\resumeItem{Secured endpoints using Jwt tokens, OAuth2 so that only authenticated users can access the endpoints.}

\resumeItem{Worked on front end to create user interfaces for dealers to send their car services details.}

\resumeItem{Worked on technologies like \textbf{Java, Python, Node JS, Spring boot, Spring security, Spring data jpa, SQL, React}}

\resumeItemListEnd

\resumeSubHeadingListEnd

%-----PROGRAMMING SKILLS-----

\section{Technical Skills}

\begin{itemize}[leftmargin=0.15in, label={}]

\small{item{

\textbf{Languages}: Java, Kotlin, Python, C/C++, SQL, JavaScript, Node JS, React, React Native, Angular} \\\

\textbf{Frameworks}: Spring boot, Dropwizard, ASP .NET Core, Spring} \\\

\textbf{Developer Tools}: Git, Atom, VS Code, Visual Studio, IntelliJ, Eclipse, Tableau, Google Collab, Jupyter Notebooks} \\\

% \textbf{Libraries}: Pandas, NumPy, Matplotlib, NuGet, Pytorch, TensorFlow, Open CV, Scikit-Learn} \\\

```
\textbf{Databases} {: Elastic Search, Dynamo DB, MySQL,
Mongo DB}
}}
\end{itemize}
```

```
%-----EDUCATION-----
```

```
\section{Education}
```

```
\resumeSubHeadingListStart
```

```
\resumeSubheading
```

```
{University of Massachusetts Amherst}{GPA - 4.0/4.0}
```

```
{Masters of Science in Computer Science}{Jan. 2020 -- Sep
2021}
```

```
\resumeSubheading
```

```
{Maharaja Agrasen Institute of Technology}{CGPA - 7.23/10}
```

```
{Bachelors of Technology in Computer Science}{Aug. 2013 --
May 2017}
```

```
\resumeSubHeadingListEnd
```