

## ATHARVA CHAPHE

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### OBJECTIVE

I am a focused and diligent individual with a background in Software Industry looking to secure admission to an esteemed University and develop an elaborate skill set while studying Data Science, Data Analytics, Artificial Intelligence and developing elaborate skillsets aimed at delivering excellence. As I continue to grow as an individual, I hope to understand intangible values and understand in depth the essence of this industry while simultaneously seeking an opportunity to gain extensive knowledge and deliver gratifying services.

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### EDUCATION

**Savitribai Phule, Pune University, India** Jun 2024  
*Secured a Bachelor of Engineering (Computer) with Distinction (CGPA 8.48/10)  
Honors Degree in Data Science*

**Maharashtra Higher Secondary Board, Pune, India** Jun 2020  
*Completed 12th Grade with First Class*

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### INTERNSHIP

**Anikaay Integration Pvt Ltd, Pune, India** Feb 2023-Apr 2023  
*Trainee Data Analyst*

- Learnt data analytics skills, use of SQL, Excel and Python to clean, process and analyze datasets for industry trends, generate reports to support business driven decisions and prepare dashboards using Tableau/Power BI.
- Developed a dashboard to analyze restaurants data for identifying popular cuisines and customer preferences as a key contribution.

**Techview Web Solutions Private Ltd, Pune, India** Aug 2024-Nov 2024  
*Trainee Web Developer*

- Learnt developing website functionality, user interface development, Back-end integration and Search Engine Promotion & Marketing over a period of 4 months.
- Received exposure in PHP, ReactJS, NodeJS, MySQL, HTML & JQuery.
- Developed secured employee portal for attendance regularization and document managing for one of the client's of Techview.

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### ACADEMIC PROJECTS

**Digital Virtual Business Card Using NFC Tag** 2023-2024  
Project aims to modernize and promote the digital era of business card by integrating NFC technology (Near Field Communication), IoT (Internet of Things) and Digital QR codes for seamless contact sharing, improved networking efficiency and user experience. Once the business card is tapped to an NFC enabled device (like card swipe), all relevant details of business card holder including contact, website, social media profiles and address is displayed.

#### Responsibilities:

- Integration of NFC tag and Digital QR code within PVC business cards
- Developed user friendly web interface to customize digital profiles using HTML, CSS, JavaScript & Bootstrap
- Backend development, Validations and Security
- Performed reviews and managed the project completion

Tools & Technologies: PHP, HTML, CSS, JavaScript, Bootstrap, MySQL DB

Platforms: NFC (Near Field Communication), IoT (Internet of Things), Digital QR Code

## Medical Inventory System

2022

Project tracks, manages and controls the medical and pharmaceutical supplies for ensuring timely access, patient safety, maintain medical regulation and minimize waste.

### Responsibilities:

- Database Analysis, Design and Management
- Development of few modules of the medical inventory system using Python & MySQL
- Report generation from data
- Handled the entire technical implementation of the project
- Maintained the healthcare regulatory requirements
- Testing and debugging along with defect fixes
- Technical, Code, Project Reviews and support

Tools & Technologies: Python, MySQL

## The Dizzy & Drowsiness Eye Detection

2022

Developed a system that monitors eye movement and detects signs of drowsiness based on the Eye Aspect Ratio. The system triggers a drowsiness alert if prolonged eye closure detected.

### Responsibilities:

- Eye drowsiness detection using Python and OpenCV & dlib libraries.
- Capture eye images or video feeds using optimized algorithms and OpenCV
- Handled the technical implementation of the project
- Support team members and perform reviews

Tools & Technologies: Python, OpenCV, dlib, MySQL

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## RESEARCH PAPER

Presented Technical paper on “Digital Virtual Business Card Using NFC Tag” during final year of Engineering at the International Conference on Smart Innovation for Society (ICSIS) (2024). The paper focused on integrating NFC tags with digital QR code within PVC Business cards and enabled seamless contact sharing.

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## TECHNICAL SKILLS

- **Programming Languages:** Python, C/C++, PL/SQL
- **Frontend Technologies:** Frontend Technologies Angular, HTML, JavaScript, CSS, Bootstrap, Tailwind CSS, JQuery, React.js
- **Backend Technologies:** Python, C/C++, Node.js
- **Databases:** MS SQL, MySQL, MongoDB
- **Version Control Tools:** GIT, GitHub

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## CERTIFICATIONS

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| • C Programming (Scalar Topics)                          | 2021 |
| • C++ and OOPS Programming (Udemy).                      | 2021 |
| • Python Full Stack Developer (Oytie Training Institute) | 2024 |
| • MySQL (Oytie Training Institute)                       | 2024 |
| • Generative Artificial Intelligence (iNeuron)           | 2024 |
| • AWS Basics (Oytie Training Institute)                  | 2024 |

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### **EXTRA CURRICULAR ACTIVITIES**

- Represented college at the Inter College Football and Cricket Tournaments (2020–2024)
- Organized cultural and sports events, which fostered communication, critical thinking and leadership skills, as an active member of SparkTech club (2020-2024)
- Volunteered for an NGO “Navaumeed Foundation”, organizing campaigns for food donation and medical material distribution and supporting sense of social responsibility (2020-2024)