

Pinak Mapari

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EDUCATION

Pune Institute of Computer Technology

B.E. (Computer Engineering)- CGPA 9.82

Pune, India

2019 – Present

Akshara International School

12th grade(High School Diploma)- Secured 92.4% (CBSE)

Pune, India

2017 – 2019

D.A.V. Public School, Pune

10th grade (CBSE Board)- Secured 10 CGPA

Pune, India

2017

EXPERIENCE

Data Science Intern

Automaton AI Infosystem Pvt. Ltd.

May, 2021 - September, 2021

Pune

- Worked on designing and developing method for secure transfer of data using Tokenization.
- Problem statement consisted of creating an encrypted gateway between the front-end and back-end.
- Technical stack consisted mainly of Flask framework and several other essential python libraries.
- Studied startup operations and understood the work of the entire organisation.

Mobile App Development Intern

PingoLearn Education Private Limited

December, 2021 - March, 2022

Pune

- Worked on developing the application for both iOS and Android (using Flutter and Firebase).
- Created the documentation of the code in GitHub using industry tools.
- Worked on improvisation of the code and conducted timely code quality reviews.
- Improvised techniques for video compression for overall improvisation of app performance
- Performed rigorous QA testing the application for potential crashes and bugs.
- Adding industry level tools and extensions to the application for automated crash solving and alerts.
- Configured and deployed the app on the cloud for scalability and cost-effectiveness.
- Gained knowledge of application deployment in Android's Play Store and Apple's App Store.
- Explored the working of an Ed Tech startup having pre-seed funding.

PROJECTS

Recipe Batao - Re-imagining Food | Flutter, Firestore, Firebase

July 2021

- A lucrative and practical mobile application that suggests recipes based on available ingredients at home.
- This project included the inventory management system for food items present inside the house of the user.
- Worked as a integral part of design team to optimise usability and implement front-end.

Game Development Project - The Runner | Unity, C

November 2020

- Developed an interesting game wherein the player has to avoid the obstacles coming in their path.
- This game was a result of the knowledge gained through the college level game development workshop.
- Helped in understanding Object Oriented Programming concepts.
- This project further helped me in designing and developing User Interfaces for many of my further projects.

Crypto Spotter | HTML, CSS, ReactJs, MaterialJs, DartJs

January 2022 – May 2022

- Developed a fully functional front-end website for guiding crypto investors to make smart and quick investing decisions.
- The website was made using ReactJs, MaterialJs and DartJs.
- The knowledge gained in Web Technologies subject was implemented thoroughly while developing this web application.
- Use of several Data Visualisation techniques took place while developing this project.
- When creating the website, care was given to the user's experience and ease of access to content.

HACKATHONS

Address Update Challenge in Urban Areas | UIDAI HACKATHON 2021 28th - 31st October 2021

- A practical mobile application that enhance the address update experience of a resident
- The project was completed in the stipulated time using the following tech stack: Flutter, Firebase, Firestore
- Worked as a integral part of design team to optimise usability and implement front-end along with extensive of Government agency UIDAI's APIs.
- Using Aadhaar APIs was a challenge that we overcame during the development of this solution.

Urban Development and Smart Cities | Hack of PI- Global Hackathon 17th - 18th September 2021

- Designed and developed a very useful application that aimed at providing guidance to finding parking to users from their mobile devices.
- Got lots of exposure as I was the team leader and was equally involved in the API integrations and front-end of the project.

CERTIFICATIONS

- Python for everybody specialization (by University of Michigan)
- Using Databases with Python
- Capstone: Retrieving, Processing, and Visualizing Data with Python (with Honors)
- Smart Cities – Management of Smart Urban Infrastructures
- Fundamentals of Photography(ISO, Exposure, Aperture)

TECHNICAL SKILLS

Languages:Python, Dart, Java, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React Js, Flutter, Google Maps, Azure, Flask

Developer Tools: Git, Microsoft Azure, VS Code, Android Studios, PyCharm, Eclipse

Libraries: Pandas, NumPy, Matplotlib, Bootstrap(HTML and React), Scikit Learn

Software: Microsoft Office (MS Word, MS Excel, PowerPoint), Unreal Engine, Adobe After Effects, Adobe Photoshop, Adobe Premiere Pro, Canva

VOLUNTEERING AND POSITIONS OF RESPONSIBILITY

Overall Coordinator November, 2020 - October, 2021

PICT CSI Student Branch (PCSB) Pune

- I was the overall coordinator for PCSB, during my tenure I successfully conducted several inter-college and intra-college events, the club size grew exponentially from 50 members to 500+ members.
- Played a key role in coordination for the annual event 'XENIA' 2021

Volunteer June, 2021 - June, 2022

TEDxPICT Pune

- I was an active member of Branding and Sponsorship Team of the club.
- I was also part of the video editing and designing team and made several posters and videos for the club.

Student Volunteer February 2022 - March 2022

Impetus and Concepts, PICT Pune

- Student volunteer of the Concepts event, which is the technical flagship event of PICT. The event had displayed all B.E projects and was judged by industry experts.
- I was member of organising committee of the Concepts event as a whole and saw to it that it ran smoothly.

Videography Team Lead December, 2021 - March, 2022

2nd Annual Conference ICEI-2022 Pune

- Was the team lead for the content development for the ICEI 2022 that took place in PICT Campus.
- Played a key role in creating spectacular videos for the event.
- Was also the event photographer for the main event.

Volunteer October 2019 - November 2021

Pictoreal Pune

- Key contributions include creating videos for annual event of Pictoreal.
- Volunteered in many events of Pictoreal in 2019-20 and a active part of PICTOREAL Volume 22

