

# SOUMYA PRASAD CHANDRA

KOLKATA WEST BENGAL 700156

[Email](#) | [Phone](#) | [Linkedin](#) | [GitHub](#)

## Education

<b>Jain University</b> <ul style="list-style-type: none"><li>• MCA   CGPA : 9.0</li></ul>	2023 - 2025
<b>Maulana Abul Kalam Azad University And Technology, India</b> <ul style="list-style-type: none"><li>• B.SC   CGPA : 9.02</li></ul>	2019 - 2022
<b>Banipur Baniikatan High School, India</b> <ul style="list-style-type: none"><li>• WBCHSE (Class XII)   CGPA : 6.0</li></ul>	2018 - 2019
<b>Habra High School, India</b> <ul style="list-style-type: none"><li>• WBCE (Class X)   CGPA : 7.2</li></ul>	2016 - 2017

## Skills

<b>Programming Languages</b>	C, C++, Python, Java.
<b>Web Development &amp; Cloud</b>	HTML5, CSS3, JavaScript, CI-CD, Git, Git-lab, Azure, AWS.
<b>Frameworks</b>	Django, Flask, Fastapi, Reactjs .
<b>Databases</b>	MySQL, SQL Server, Workbench, PostgreSQL.
<b>Others</b>	DSA, OOPS, Competitive Programming, ML.

## Work Experience

<b>Webskitters Technology Solutions Private Limited   Software Developer</b>	<b>Jun'24 - Present</b>
<ul style="list-style-type: none"><li>• Led the development of a scalable web application, increasing user capacity by 40% and significantly enhancing the customer experience. Performed extensive code reviews to enforce coding standards and improve application's security and scalability.</li><li>• Collaborated with a cross-functional team to integrate machine learning algorithms, resulting in a 25% improvement in data processing efficiency.</li><li>• Pioneered the implementation of a new RESTful API, which streamlined data retrieval processes and bolstered overall system performance.</li><li>• Automated the testing process which improved the code coverage by 25%, enhancing the robustness of the application.</li><li>• Assisted in transitioning the development environment to Azure resulting in a more consistent deployment process.</li></ul>	
<b>Advance Software Technologies Private Limited   Software Engineer</b>	<b>Nov'22 - Jun'24</b>
<ul style="list-style-type: none"><li>• <i>Building, implementing &amp; creating the user friendly application using django checked data with builded socket I/O while communicating with client Database and improving the Ingredient APIs.</i></li><li>• Partnered directly with the executive team as the first data hire to formulate and report on KPIs across their web properties that received 22M visitors annually using SQL and Google Sheets.</li><li>• Developing frontend Reactjs &amp; Identifying the correct Ingredient testing and and Implementing this to our worksheets.</li><li>• Analysing and Predicting the Ingredient usinf algorithm and put it down.</li></ul>	
<b>Sikharthy Infotech Private Limited   Software Developer</b>	<b>Apl'21 - Nov'22</b>
<ul style="list-style-type: none"><li>• Developed a Full Stack Engineering Tool in a team of 6 members to assess the progress of different internal departments on various frontend using React.js, Vue.js and backend technologies.</li><li>• Partnered with the developer to implement RESTful APIs in Django, enabling analytics team to increase reporting speed by 64%.</li><li>• Maintained 8+ systems and applications as Tier 2 support (break-fix and data changes).</li><li>• Documented 100% of technical specifications and dependencies of applications, making APIs with testing in Postman API.</li></ul>	

## Internship

<b>CodeAlpha   Machine Learning Intern</b>	<b>Jan'24 - Feb'24</b>
<ul style="list-style-type: none"><li>• Crunch samples for data mining and statistical modeling for prediction use-cases</li><li>• Demonstrating the results of various algorithmic approaches and evaluating performance Optimizing algos.</li><li>• Develop scalable solutions for data discovery, analysis, and presentation</li><li>• Develop metadata driven data collection, integration, and organization services</li><li>• Work closely with subject matter experts and statisticians to drive deep analysis</li></ul>	

## Psyliq | SQL Developer Intern

Dec'23 - Jan'24

- Optimize database performance and create complex functions and stored procedures.
- Analyze queries, develop security protocols, and resolve problems.
- Design database architecture and create dashboards.
- Write complex queries for applications and business intelligence reporting.

## Codesoft | Python Developer Intern

Sep'23 - Oct'23

- This project aims to create a command-line or GUI-based application using Python, allowing users to create, update, and track their to-do lists.
- create a password generator app using Python, allowing users to specify the length and complexity of the password.
- computer vision and natural language processing to build an image captioning AI. Use pre-trained image recognition models like VGG or ResNet to extract features from images, and then use a recurrent neural network (RNN) or transformer-based model to generate captions for those images.

## Oasis Infobyte | Web Development and Design Intern

Sep'23 - Oct'23

- Designing user interfaces and navigation menus Writing and reviewing code for sites Integrating multimedia content onto a site Testing web applications Troubleshooting problems with performance or user experience.
- Using HTML, CSS, and JavaScript to design and implement the visual and interactive components that users can see and engage with Making sure everything looks good, including buttons and icons.

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## Projects

### Google API OAuth

December 2023

- First need to create a Google OAuth2 client and obtain a client ID and client secret and then use these credentials to create a GoogleCredentials object.
- using the user's email address to protect the API endpoints. To do this, use the `@app.auth_required` decorator. This decorator will ensure that only users who are logged in can access the endpoint.
- You will then be redirected to the Google OAuth2 login page. Once have logged in, will be redirected back to the application.

### Quiz Application

August 2023

- MCQ based quiz application using Spring Boot, Spring Data JPA, MySQL, Thymeleaf and Bootstrap 5.
- There are a total of ten questions. The goal is to create an educational app that quizzes a user about a certain topic of your choice.

### Chat Application System

July 2023

- The project also maintains offline messages, the messages that were sent online, can be viewed even when you are offline, but obviously, you cannot send any message when you are offline.
- Communication with a colleague will be made easy using the chat option.
- This chat app functionalities such as login, register, reset password, chat, conversation, group call, contact, starred, medial, files settings, profile, edit profile, emoji and etc. We can implement all the features using backend in future.

### Attendance Management System

April 2023

- Developing blogging platform on HTML, CSS, JavaScript, JQuery and using Python Django.
- Used HTM, CSS for fronted and web-based user Interface. Development tools for employee attendance.
- There are two module attendance system software for employee and admin using Face Recognition.

### Heart Disease Prediction

Aug 2022

- Machine learning algorithms: Such as logistic regression, K-NN, support vector machines (SVMs), random forest (RF), back propagation neural network (BPNN), and multilayer perceptron (MLP)
- A 10-fold cross-validation approach found that the decision tree algorithm achieved the highest accuracy in predicting heart disease, with a rate of 93.19%

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## Courses and Certification

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| • <a href="#">HackerRank Certification</a> | Python, JAVA, C#, JavaScript, SQL, Problem Solving.                     |
| • <a href="#">Simplilearn</a>              | Python Fundamentals, Intro of Artificial Intelligence, Machine Learning |
| • <a href="#">Great Learning</a>           | SQL, OOPs, React Js, DevOps, AWS, Machine Learning.                     |
| • <a href="#">Skill Academy</a>            | Python Beginner, HTML, CSS, JavaScript.                                 |

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## Academic and Extracurricular Achievements

- **Coding profiles :** [Hackerank](#), [GFG](#), [Leetcode](#), [CodeChef](#).
- Gold badge for Python proficiency, problem-solving, and SQL on the Hackerank platform
- 2022 8 nd /100 Participate Hackathon project Competition.
- 2021 Hacker Rank Participate coding competition.

## Position of Responsibility

- Member (YUVA DSTIM) : Member of YUVA team, Cultural festival of Durgapur Institute of Technology and Management.
- Member (Tansen Athlete Club) : Member of Tansen Athlete club, organized gaming competition, coding competition and Quiz Competition of Durgapur Institute of Technology and Management.