Ashutosh Kashyap

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ACADEMIC DETAILS

Year	Name of Institution	Qualification	CGPA / %
2020 - present	IIT MADRAS	B.S.	7.0 / 10
2019 - 2023	IEM, Kolkata	B.Tech.	9.3 / 10
2018	Jesus & Mary Academy, Darbhanga	Intermediate/+2	83.4 %
2016	Jesus & Mary Academy, Darbhanga	Matriculation	10 / 10

ADDITIONAL COURSES

Year	Name of Institution	Description/Qualification	Progress
2022	Google	Google Data Analytics Certification	Ongoing
2021	Harvard University	CS50 – Introduction to Computer Science	Ongoing
2020	IEM, Kolkata	Cryptography and Blockchain basics	A+

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education	**Indian Institute of Technology (IIT), Madras**	**2020-present**
	Bachelor of Science (B.Sc.), Programming and Data Science.	
	Institute of Engineering and Management, Kolkata	**2019-2023**
	Bachelor of Technology (B.Tech.), Computer Science.	
research interests	Data Science, Machine learning, Data Analytics, Cybersecurity, Neural Networks, Digital Forensics, Law & AI.	
programming Skills	C, C# (presently working), Python, SCILAB and MATLAB basics.	
specialization	Statistics and Mathematics for Data Science.	

INTERNSHIP

- **Defence Research and Development Organisation (DRDO) – SSPL, New Delhi | 7th February 2023 – 6th March 2023**
  HTML, CSS, JAVASCRIPT, PHP, MYSQL, Python
  Worked on the following projects:
  i. Web-App for Employee Management Tool
  ii. Face Recognition Using Deep-Learning

Experience

- **Software Engineer @ Accenture**   **July 2023 - Present**
    - ❖ .NET (C#) developer specializing in backend Web API creation.
    - ❖ Proven experience in code debugging, test case development, and API testing using Postman.
    - ❖ Proficient in AWS technologies, including DynamoDB and Lambda.
    - ❖ Hands-on experience with Azure OpenAI.
    - ❖ Active participant in cutting-edge GenAI training programs.
    - ❖ Excels in collaborative development environments, actively contributing to code reviews and design discussions.
    - ❖ Demonstrates a passion for exploring new ideas and technologies, bringing valuable insights to project development.

PROJECTS

- **AI in the Courtroom |** *Python, Machine Learning*
  Developing an automatic bot system using Python and Supervised Machine Learning concepts in providing judgements related to normal cases, thus easing the caseload in the court.

- **Magazine Website |** *HTML, CSS, JAVASCRIPT*
  https://nyayapravah.netlify.app/
  Designed and implemented a dynamic and responsive magazine website using HTML, CSS, and JavaScript. Leveraged Tailwind CSS to streamline styling, ensuring a cohesive visual aesthetic and optimal cross-device compatibility. Effectively addressed design challenges to create a user-centric layout and navigation, enhancing reader engagement.

- **Bill-Splitter Web App |** *HTML, CSS, JAVASCRIPT*
  Creating a Web application using HTML, CSS and JavaScript to calculate expenses for party-gatherings, trips and distribute the expenses to the users registered on the Web-app.

AWARDS AND ACCOLADES

- Received **3rd Prize** in **National Article Writing Competition** on "**Education System and the way Ahead**" organized by **THINK INDIA** [2019].
- Has been **twice National Educational Council Scholarship winner** [2012-13].
- Completed Foundational Degree in *Programming and Data Science* at **IIT Madras**.

ACCOMPLISHMENTS

- Completed **Python for Everybody** by **University of Michigan** on Coursera.
- Completed **Technical Support Fundamentals** by **Google** on Coursera.
- Ongoing **Python for Data Structures** by **University of Michigan** on Coursera.
- Attended Cybersecurity course on **Application Security – Vulnerability Assessments** by **Cyber Security Centre of Excellence, Government of West Bengal and NASSCOM.**

EXTRA-CURRICULAR ACTIVITIES

- Attended **CS50 Seminars** on various computer science domain such as C, Linux, Python and Web-security. [January 2021]
- Attended **Workshop on Cybersecurity and Ethical Hacking** by Gautam Kumawat. [2020]
- Campaigned for **Election Commission** for awareness on voting for 2014 Lok Sabha Elections.
- Attended **Workshop on Academic Writing** organized by IEM, Kolkata [October 2019].
- Participated in **West Bengal State-wide Learning and Hackathon Challenge "SECURE BENGAL-2021"** event on "**Application Security & Vulnerability Assessment**". [August 2021]
- Participated in **CS50p** (an introduction to Programming with Python) by David Malan (Offered by **Harvard University**). [June 2022]
- Enrolled in **Machine Learning Specialization** by **Andrew Ng** (Offered by **Stanford University**). [July 2022]
- Participated in **Community-wise help during COVID-19 Lockdown** for purposes ranging from medical issues to grocery things, through Web-apps, Databases and groups.

LANGUAGE PROFICIENCY

I am well versed in **English**, **Hindi**, and **Maithili** and have knowledge of **Sanskrit**.