Aom Harkishanbhai Kapadia [in]

Aspiring software developer seeking to build innovative and user-friendly solutions while growing my skills and contributing to impactful projects in a dynamic environment.

EDUCATION

Year	Degree	University/Board	Institute	% / CGPA
Pursuing	BTech in Computer Science and Engineering	Ahmedabad University	School of Engineering and Applied Science	2.76/4.00 CGPA
2022	HSC (science Math)	cbse	Oxford English School, Patan	86.4 %
2020	SSC	cbse	Bhagwati International Public School, Patan	90.8 %

ACHIEVEMENTS AND ACCOMPLISHMENTS

Website Making Challenge(WMC) Won the Website Making Challenge organised by our university by developing an event management website based on gta5 theme and secured 1st prize.	Jul'24 Sep'24

CERTIFICATIONS

freeCodeCamp – APIs and Microservices Certification Offered by the University of Michigan and taught by Dr. Charles Severance, this beginner-friendly course provides a comprehensive introduction to Python programming. It covers fundamental topics such as variables, conditionals, loops, functions, and data structures like lists and dictionaries. The course progresses into practical applications including web scraping using Python, working with regular expressions, handling files and exceptions, and interacting with databases (SQLite). I also learned how to retrieve and process data from web APIs using JSON and XML formats. Through hands-on assignments and real-world problems, I developed a strong understanding of how Python can be used in data processing, backend automation, and application development. This certification laid a solid foundation for more advanced programming and scripting tasks.	May'24 - Aug'24
Google – Python for Everybody (via Coursera) This certification is part of freeCodeCamp's full stack development curriculum and includes over 300 hours of hands-on coding challenges and projects. It focuses on building APIs and server-side applications using Node.js and Express.js. Through a series of interactive modules, I learned how to set up web servers, create and manage RESTful APIs, handle HTTP requests/responses, work with middleware, and manage asynchronous operations. The course also covered MongoDB and Mongoose for database interactions, along with authentication techniques and environment configuration. Projects included a timestamp microservice, URL shortener, and an exercise tracker, which strengthened my practical understanding of backend development. This certification helped me gain strong foundational skills essential for full-stack JavaScript development using the MERN stack.	Jan'24 - Mar'24

EXPERTISE/AREA OF INTEREST

- Compectitive programming:- 3 stars at codechef, 1688 leetcode rating
- Building Scalable Full-Stack Applications
- UI/UX Design and Interactive Prototyping
- Learning New Coding Languages
- Problem Solving

PROJECTS

Ahmedabad university	Feb'25 - Apr'25

Encrypted File Sharing Platform **Summary:** Developed a secure file-sharing platform with AES-RSA encryption, friend-based access, 2FA, JWT, Cloudinary storage, and Gemini API for intelligent user query support. **Skills Used:** React.js, Node.js, Express.js, MongoDB, Cloudinary, Multer, JWT, Nodemailer, Google Gemini API **Team Size:** 2 **Key Outcomes:** Ensured secure end-to-end file transfer using AES-256 and RSA encryption, allowing only authorized users to access files through robust key management and client-side decryption.

Ahmedabad university	May'24 - Jul'24

Event management Website **Summary:** Developed a full-featured event management platform where users can book event tickets, make donations,give quizzes, give reviews, view transactions and manage their profiles.The website supports role-based authentication (Admin and User roles) **Skills Used:** Django, PostgreSQL, , Google OAuth , HTML, CSS, JavaScript **Team Size:** 1 **Key Outcomes:** This project led me to secure 1st place in the web development competition at our college.

CO-CURRICULAR ACTIVITES	
Volunteer at Jivdaya Charitable Trust Volunteering at Jivdaya Charitable Trust was a rewarding experience where I helped care for injured and abandoned animals. My tasks included feeding, cleaning, and ensuring their well-being	Oct'24 - Dec'24

TECHNICAL SKILLS
Languages: Python , Javascript , Html , Css , SQL
Framework / Libraries: Express.js , React , Django
Softwares: Figma, Visual Studio Code , Git, GitHub , Node js

Online Professional Presence	
Github	https://github.com/aom214
Leetcode	https://leetcode.com/u/kapadiaaom78/
CodeChef	https://www.codechef.com/users/aom123

PERSONAL DETAILS
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