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RAHUL KHOTE

Technical Skills

- **Languages:** C++, Python, SQL, HTML/CSS
- **Tools & Frameworks:** Data Structures & Algorithms (DSA), Web Development, Generative AI, TensorFlow, Keras, OpenCV, Data Analytics & Visualization (Tableau, NumPy, Pandas), Responsible AI, Microsoft 365

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) Core	August 21 –May 25	VIT Bhopal University (Astha)	8.49/10
Class XII	April 20 – June 21	Campion School (Bhopal) (CBSE)	8.81/10
Class X	April 18 – March 19	Campion School (Bhopal) (CBSE)	8.5/10

ACADEMIC PROJECTS

Algorithm Visualizer	- **Technologies Used:** HTML, CSS, JavaScript, React.js, Node.js, D3.js - **Description**: Developed a tool to visualize algorithms, enhancing learning and understanding of complex algorithms. - **Role**: Lead Developer in a multi-member team. - **End Result**: Successfully created an educational tool that improved algorithm comprehension for users.
Brain Tumor Detection	- **Technologies Used:** Python, TensorFlow, Keras, OpenCV, NumPy, Pandas - **Description**: Designed a machine learning model to detect brain cancer using medical imaging data. - **Role:** Data Scientist and Model Developer. - **End Result:** Achieved a high accuracy rate in early detection, aiding in more effective treatment planning.
Risk Analysis Project	- **Technologies Used:** Python, Tableau, SQL, ArcGIS - **Description**: Conducted a comprehensive analysis of regional risks, focusing on environmental and economic factors. - **Role:** Research Analyst in a collaborative team. - **End Result:** Provided actionable insights that informed strategic planning and risk mitigation efforts.

INTERNSHIP

Netlink Pvt. Ltd May 24 – July 24	**Software Engineering Intern** - **Key Role:** Developed, debugged, and tested software applications. - **Impact:** Improved code quality and efficiency, accelerating project completion. - **Other Role:** Collaborated with the team on code reviews. - **Impact:** Enhanced team productivity and ensured project alignment.
Vedang Cellular Services Pvt. Ltd. June 24 – August 24	- **CTC:** Rs. 21,069/- per month - **Key Role:** Participate in the implementation and maintenance of cellular service infrastructure, ensuring optimal network performance. - **Key Impact:** Contributed to enhancing service reliability and efficiency by supporting critical engineering tasks. - **Team Collaboration:** Worked closely with senior engineers to address technical challenges, leading to improved service delivery and client satisfaction.

CO-CURRICULARS

Coding	o **Hackerrank:** 6-Star in Python o **Leetcode:** Global Rank - 11,310
Certifications	• **Cloud Computing Certification – (NPTEL)** • **Career Essentials in Generative AI** **[Microsoft & LinkedIn] | Completed:** 22 October 2024 • **Career Essentials in Data Analysis by Microsoft and LinkedIn** **[Microsoft & LinkedIn] | Completed:** 26 October 2024

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	• **1st Prize** in Singing and Essay Speaking, School Level, 2016 • National Karate **Bronze Medallist**, 2016 • **2nd Runner-Up** in State-Level Tennis and Badminton, 2015
Responsibilities	• **Cultural Fest 2023 Coordinator:** Organized and managed dance events at All-India Inter-Collegiate Cultural Festival; received recognition for exceptional event management**.** • **Dance Club Member:** Key contributor in choreographing and enhancing performance quality; recognized for innovative choreography. • **Student Representative:** Liaised between students and administration, improving student engagement and community atmosphere.
Extracurricular	• Creative Enthusiast: Engaged in **Movie Making, Dance, Singing, Swimming, Poetry, and Reading**, contributing to cultural projects

ADDITIONAL INFORMATION

Hobbies	▪ **Reading**: Avid reader of autobiographies and fiction. ▪ **Singing & Music**: Enthusiast across all genres. ▪ **Dancing & Martial Arts**: 3rd runner-up in National Level Karate Tournament (2016). ▪ **Sports**: Enjoys badminton, tennis, cricket, football, swimming, hockey, and fishing.
Languages	▪ English, Hindi, Marathi.