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| C:\Users\jashn.chahal\Downloads\Photo-15kb_doc (4).jpeg  CONTACT DETAILS   |  |  | | --- | --- | |  | u.aadityaa@gmail.com | |  | +91-7428609471 | |  | [Linkdin-Aditya](https://ind01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.linkedin.com%2Fin%2Faditya-upadhyay-12a612210%2F&data=05%7C02%7Cresumepedia%40naukri.com%7C6c4446ffaec9452f756708dda7fe0be1%7C0ee9b5f952b343518198c4804cd66b68%7C0%7C0%7C638851431755519969%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=6yOqVNTee7LI%2BbVbl0VWa53gSDiveDuOJdFW17V%2Ff8M%3D&reserved=0) | |  | https://github.com/8001Aditya |   CORE COMPETENCIES     * Software Development Lifecycle * Database Management * Backend Architecture * Cloud Computing Technologies * AWS, EC2, lambda, AWS SDKs, CloudWatch * Continuous Integration and Design * SRE Concepts and Principles * Networking * Machine Learning * AI tools OpenAI, Grok AI, Cursor * OWASP top 10 * Cloud Security, AWS security * Root Cause Analysis * Agile Methodologies     TECHNICAL SKILLS   * Programming Languages: C++, JavaScript, Python, Golang, SQL, Bash * Cloud & DevOps: AWS, GCP, Azure, Networking, Docker, Ansible, Terraform, Kubernetes, GIT, CI/CD, Jenkins, Linux, Tensorflow, MySQL, MongoDB, Apache-Cassandra   SOFT SKILLS   * Innovator * Analytical * Planner * Collaborator * Communicator   CERTIFICATIONS   * https://www.credly.com/users/aditya-upadhyay.fbc1ca42   PERSONAL DEATILS   * Date of Birth: 1st April 2001 * Languages Known: English & Hindi * Address: Faridabad- 121004, Haryana |  | **ADITYA UPADHYAY**  Associate Software Engineer  Results- driven **Associate Software Engineer** leverages proficiency in **cloud technologies, DevOps, Cloud security and AI/ML** using tools like **AWS, Azure, GCP, MySQL, MongoDB, Apache Cassandra, OpenAI, Grok, Cursor** to drive database optimization. Targets opportunities in **Cloud Computing, DevOps, AI/ML and SRE Solutions** |
|  | **PROFILE SUMMARY**   * Dedicated **Associate Software Engineer** with **nearly 2 years of experience** in **software engineering, specializing in database administration and cloud solutions in the IT sector**, showcasing in- depth understanding of theoretical and practical aspects of full * Currently working as an Associate Software Engineer at Orcan Little Systems, tasked with managing **database management and optimization, safeguarding data integrity**, and facilitating data-driven operations **to boost overall system efficiency performance**. * Possess a **diverse technical skill stack**, consisting of **advanced programming languages**, **cloud infrastructure management**, and **containerization technologies** with a focus on**, Python, SQL, AWS, Azure, GCP, MySQL, MongoDB, Apache Cassandra.** * Achieved **30% enhancement in system efficiency** and **25 % reduction in downtime** by automating **40% critical processes**, reflecting a dedication to **continuous improvement**. * Contributed significantly to the development of **user-centric software solutions**, **enhancing product performance and user engagement during internship at IZOOTO**, while gaining **hands-on experience in cloud technologies and collaborative development practices**. * Significantly enhanced user experience and operational efficiency with **critical problem solving and analytical skills.**   **edu24x24iconsEDUCATION**   * Jun’23: B.Tech. (Computer Engineering), State Institute of Engineering and Technology, Kurukshetra University, Haryana with 8.07 CGPA. * Apr’19: 12th, Rawal Convent School, Faridabad with 88.4%. * Apr’17: 10th, Rawal Convent School, Faridabad with 9.8 CGPA   **WORK EXPERIENCE** |
|  | **Oct’24- Present: Orcan Little Systems, Faridabad, as Associate Software Engineer**  **Highlights:**   * Implementing **advanced cloud solutions using Azure**, facilitating the **management of servers and SQL data** to provide **scalable and secure database environments**. * Collaborating with development teams to **design and implement data-driven applications**, ensuring **seamless integration and functionality across platforms**. * Conducting regular performance assessments and tuning of database systems to **enhance operational efficiency and reduce latency in data retrieval processes**. * Developing and maintaining **comprehensive documentation for database configurations, processes, and procedures** to ensure clarity and consistency in operations. * Currently working as a database administrator on the **Government Project for Water Transmission** in Faridabad, **maintaining database on allocation and distribution of water** across city.   **INTERNSHIP**  **Dec’23- Aug’24: IZOOTO (Datability Pvt. Ltd.), Noida, as Software Engineering Intern**  **Highlights:**   * **Designed and developed a JavaScript SDK** to facilitate **seamless integration with frontend applications**, significantly enhancing user experience and engagement metrics by 15%. * **Optimized API methods** to streamline integration, leading to **improved product performance and user satisfaction**. * Built **robust backend systems** utilizing **Python, Golang, Docker, and Kubernetes**, contributing to a **substantial increase in overall system efficiency and reliability**. * Leveraged **GCP for cloud-based solutions**, **integrating MongoDB and Apache Cassandra to ensure effective data management and retrieval.** * Gained practical experience in **cloud infrastructure management, containerization, and monitoring systems,** aligning with **industry standards and best practices**. * Assisted in the development of a comprehensive **API documentation**, **improving the onboarding process for new developers** and **enhancing the overall usability of the API**. |
|  | **PROJECTS**  **Mar’23- May’23: PhantomFiles - File Storage System using Hybrid Cryptography**  **Accomplishments:**   * Implemented a **secure cloud storage solution** using **hybrid cryptography, data encryption before storing it on the cloud with Flask and Python**. * Improved **data security by 70%** and **cut unauthorized access attempts by 90%**. * **Optimized the encryption process**, **boosting efficiency by 50%**. * Achieved a robust and efficient system that enhanced both **system security and performance by 60%**, ensuring **data integrity and faster processing times**, and a **30% reduction in latency**.   **Sep’22- Nov’22: Gender-Age Detection**  **Accomplishments:**   * Led the development of facial recognition system, with **over 80% accuracy in gender and age prediction.** * **Trained on large datasets**, utilizing **computer vision with TensorFlow** to **boost accuracy to 85%**, **reducing prediction errors by 60%**, and **accelerating processing speed by 40%**, delivering a highly reliable tool for demographic analysis. |