AKASH TATTI

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**SKILLS**

* **Databases:** Oracle, MySQL.
* **Languages/Scripts:** SQL, Python, Java, HTML/CSS.
* **Tools, IDE:** MS Excel, MS Word, Git, Figma, Open Ai, Jupyter Notebook, Google Colab, Visual Studio, Eclipse, MS PowerPoint.

**EDUCATION**

**H.K.B.K College of Engineering** – Bachelor’s in Information Science and Engineering (**GPA 7.62 /10**)

**Bengaluru, India (October 2020 –Present)**

***Coursework:*** *Data Structures and Applications, OOPs, Computer Organization, Database Management System, Software Engineering, Application Development using Python, C Programming, Complex Analysis, Probability and Statistical Methods, Design and Analysis of Algorithms, Management and Entrepreneurship for the IT Industry, Computer Networks and Security****.***

**Sindhi PU College** – Pre-University **(60%)** **Bengaluru, India (June 2018 – March 2020)**

***Coursework:*** *Science Field (Physics, Chemistry, Mathematics, and Computer Science) and English, Kannada.*

**Alva’s Education Foundation** – High School **(86%)** **Mangalore, India (June 2014 – March 2018)**

**PROJECTS**

**Web Applications | *HTML, CSS, Bootstrap, Js.***

* **Portfolio**: Created my online Portfolio website utilizing HTML, CSS, and JavaScript.
* **Application Form:** Utilized HTML, CSS, and JavaScript to create and integrate an application form, investigating the capabilities of the "Submit" and "Reset" buttons.
* **Student timetable:** Constructed a student timetable webpage using HTML and CSS.
* **Contact me:** Devised a user-friendly "Contact Us" form with the capability to send emails upon clicking the "Submit" button.

**Database | *SQL, Oracle, Python***

* **Student Database Management System**: Crafted a Database Management System mini-project (DBMS) through the utilization of SQL (Oracle) and Python.

**Programming | *Java, C++***

* **Multi-threaded application:** Developed a multi-threaded Java application by effectively harnessing the power of concurrent execution to optimize resource utilization and enhance overall responsiveness.
* **Algorithms (DAA):**
* Illustrated the **divide-and-conquer methodology** using a **Java program**, accompanied by an analysis of its **time complexity across various scenarios**: worst case, average case, and best case.
* Undertook **additional projects** centered around the **Design and Analysis of Algorithms**. These projects encompassed the examination of **time complexity** in algorithms such as **Kruskal's Algorithm, Bellman-Ford Algorithm, Huffman coding Algorithm, Floyd's Algorithm, Hashing Algorithm, and the Euclidean Algorithm.**

**PROFESSIONAL WORK EXPIRENCE**

**MACHINE LEARNING INTERN** at Varcon’s Technologies pvt ltd. Bangalore, India **(Aug 13th, 2023 – Sep 21st, 2023).**

My internship project was **“Sentiment Analysis of Lockdown in USA During Covid-19, A Case Study on Twitter the use of ML”**, wherein I could apply machine learning algorithms to develop a model which could analyze the sentiment of Twitter users during covid lockdown within the United States.

**CERTIFICATIONS**

* **Introduction to Python** on Datacamp.
* **Intermediate Python** on Datacamp.
* **Python in Data Science Toolbox** on Datacamp.
* Successfully accomplished a certified workshop on **ANGULAR JS** through **Cranes Varsity.**
* Attained certification in **Cisco Certified Network Associate (CCNA)** through a workshop facilitated by **JetKing.**

**HACKATHONS / EXTRACURRICULAR / ACCOMPLISHMENTS**

* Secured the **1st position** in the "**NASA Space apps Challenge 2023**", this was a **Global level Hackathon**.
* Achieved **3rd position** in the “**NASA Space apps Hackathon 2022”,** this was a local level event.
* Achieved the **2nd position** in the **AVISHKAR MANTHAN 2023**, a **National Level Ideathon** hosted by the "Malnad College of Engineering" in collaboration with the **IUCEE Student Chapter**.
* Earned **1st place** in the **"PES University Hackathon 2022 – Department of Commerce,"** leveraging in-depth insights and innovative concepts in business establishment, analysis, and strategic marketing.
* Secured **3rd position** in the “**AccelATHON 3.0**” conducted by “Nagarjuna College of Engineering and Technology **Hackathon 2022.**”