AKASH TATTI

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SKILLS

- **Databases:** Oracle, MySQL.
- **Languages/Scripts:** SQL, MySQL, Python, Java, HTML/CSS.
- **Tools, IDE, Servers:** MS Excel, Git, Visual Studio, MS PowerPoint.

EDUCATION

H.K.B.K College of Engineering – Bachelor's in Information Science and Engineering (75.4%)
Bengaluru, India (December 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, JavaScript.*

- Developed my Portfolio Website as my online Resume using HTML/CSS, and JavaScript.
- Developed a simple Application Form to understand the use of the "Submit" and "Reset" buttons using HTML/CSS and JavaScript.
- Developed a student timetable page using HTML/CSS.
- Created a "Contact Us" form that directs to sending email when the "Submit" button is hit.

Database | *SQL, Oracle, Python*

- Developed a Student Database Management System using SQL (Oracle) and Python.

Programming | *Java, C++*

- Developed Java program that implements a multi-thread application that has three threads.
- Developed a program to demonstrate using Java how the divide-and-conquer method works along with its time complexity analysis: worst case, average case, and best case.
- Developed a Java code to find shortest paths to other vertices using Dijkstra's algorithm.
- Developed a Java code to find minimum Cost Spanning Tree of a given connected undirected graph using Kruskal's algorithm and Prim's Algorithm.
- Other Projects on Design and Analysis of Algorithms (Time complexity of Kruskal's Algorithm, Bellman-Ford Algorithm, Huffman coding Algorithm, Floyd's Algorithm, Hashing Algorithm and Euclidean Algorithm)

CERTIFICATIONS

- Introduction to Python on Datacamp.
- Intermediate Python on Datacamp.
- Completed a Certified course on ANGULAR JS as a workshop by Cranes Varsity.

EXTRACURRICULAR AND ACCOMPLISHMENTS

- Secured 1st position in "**PES University Hackathon 2022 – Department of Commerce**", by establishing competing knowledge and ideas about a business setup, analysis, and marketing strategy.
- Secured 2nd position in the **National Level Ideathon**, **AVISHKAR MANTHAN 2023** conducted by the "**Malnad College of Engineering**" collaborated with the **IUCEE Student Chapter**
- Secured 3rd position in the "**NASA Space apps Ideathon 2022"** conducted by "JSS Academy of Technical Education."
- Secured 3rd position in the "**AccelATHON 3.0**" conducted by "Nagarjuna College of Engineering and Technology Hackathon 2022."