

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 EXPERIENCE

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**."
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