



D Y PATIL
UNIVERSITY
PUNE, AMBI

ATHARV SUDHIR NAVALE

B.Tech. - Computer Engineering

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BRIEF SUMMARY

Passionate Software Engineer currently pursuing a B.Tech in Computer science with strong focus on practical application and continuous skill development. Experience in multiple programming language including Java and Python and well-versed in Android Development, Web Development and Machine Learning. Passionate about solving real-world problems using technology, as demonstrated by creation of projects. A collaborative and detail-oriented individual, eager to contribute innovative solutions in a dynamic tech environment.

KEY EXPERTISE

Problem Solving | Software Development | Android Development | Java | Web Development | CSS | HTML | Javascript | Python | ML

EDUCATION

School of Engineering and Technology B.Tech. - Computer Engineering CGPA: 7.84 / 10	2021 - 2025
Dr. D Y Patil School of Engineering Lohgoan,Pune Diploma Diploma - Computer Engineering - Computer Engineering MSBTE Percentage: 78.91 / 100	2022
Shramajivi Secondary School 10 th MSBSHSE Percentage: 60 / 100	2018

PROJECTS

SOLAR TRACKER AND MONITORING SYSTEM Team Size: 6 Key Skills: Internet of Things Arduino Mobile Application Development Cloud Services Electronics Software Development Developed an electronic solar tracking system integrated with a monetization platform to maximize solar energy efficiency and manage energy transactions. The system uses electronic sensors and microcontrollers to precisely track the sun's position, continuously adjusting the solar panels for optimal alignment throughout the day. This increases energy capture by up to 30% compared to fixed systems. The project also includes a monetization module that tracks energy production and usage, enabling users to monitor real-time energy data and calculate revenue from excess energy sold back to the grid.	05 Sep, 2024 - 30 Sep, 2024
HAND SIGN DETECTION FOR DEAF AND DUMB Team Size: 5 Key Skills: ML Python Data Collection Database Software Development Our team of five developed an innovative application to empower individuals who are deaf and mute by translating hand signs into written text. Leveraging the power of Python and OpenCV. The application bridges communication gaps, offering a seamless way to convert hand gestures into readable letters.	29 Feb, 2024 - 15 Jun, 2024
WEB EXTENTION FOR HIDING ABUSIVE WORDS Team Size: 4 Key Skills: Javascript HTML CSS JSON Project Link: https://github.com/06Atharv/Project-Somi Our team of four designed a web extension aimed at improving online interactions by filtering out abusive words from web pages. Built using HTML, CSS, and JavaScript, this tool seamlessly integrates into the browsing experience to promote a safer digital environment	01 Nov, 2021 - 06 Dec, 2021

ASSESSMENTS / CERTIFICATIONS

Android App Development

Aggregate: 90 / 100

Subjects: Android App Development (90 / 100)

Key Skills: Android Development Android Studio Android SDK Java Kotlin XML

Internet of Things

Key Skills: Internet of Things Arduino Electronics

Completed a comprehensive training program on the Internet of Things (IoT), covering key concepts such as sensor integration, data acquisition, and communication protocols. Gained hands-on experience in building and programming IoT devices using platforms like Arduino and Raspberry Pi, and learned to connect these devices to cloud services for remote monitoring and control. The training also included practical applications in areas like smart home automation, environmental monitoring, and predictive maintenance. Developed a solid foundation in IoT architecture, networking, and security, and acquired skills in embedded systems programming, data analysis, and IoT project development.

SEMINARS / TRAININGS / WORKSHOPS

Internet of Things

01 Apr, 2024 - 05 Apr, 2024

Institute Name: INDEYSE (Organized by Dr. D. Y. Patil School of Engineering Ambi, Pune)

Key Skills: Internet of Things Arduino Electronics

Completed a comprehensive training program on the Internet of Things (IoT), covering key concepts such as sensor integration, data acquisition, and communication protocols. Gained hands-on experience in building and programming IoT devices using platforms like Arduino and ESP32, learned to connect these devices to cloud services for remote monitoring and control. The training also included practical applications in areas like smart home automation, environmental monitoring, and predictive maintenance.

Android App Development

26 Jan, 2021 - 26 Aug, 2021

Institute Name: Internshala

Key Skills: Java Kotlin Android Android Studio Android SDK XML SQL

Successfully completed Android App Development training from Internshala with 90% score. The Training consisted of introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities and The Final Project Module.

PERSONAL INTERESTS / HOBBIES

- o Cycling
- o Trekking
- o Nature Conservation
- o Social Work
- o Basic electronic innovation which helps in real world

WEB LINKS / IMs

- o Other - https://www.linkedin.com/in/atharv-navale06?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app
- o Github - <https://github.com/06Atharv>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Alandi-Markel Rd behind the state bank of india, Alandi Devachi., Alandi, Maharashtra, India - 412105

Email: navaleatharv200319@gmail.com

Date of Birth: 19 Dec, 2003

Known Languages: English, Hindi, Marathi

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