BALAJI NARAYANRAO UPLANCHWAR

B.E. - Information Technology

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BRIEF SUMMARY

Java developer skilled in Spring Boot, MySQL, React.js, and full-stack development, with proven project and internship experience. Certified OCI 2025 AI Foundations Associate, demonstrating knowledge of AI, Machine Learning, Deep Learning, and Generative AI. Experienced in data analysis, visualization (Power BI, Tableau), and predictive modeling with practical applications. Strong in problem-solving, teamwork, and research, with a published paper on AI-driven forest fire detection.

KEY EXPERTISE

Java   HTML   CSS   MySQL   Tableau   ML   Time Management   Team Building   Python

EDUCATION

Sinhgad Institute of Technology   2022 - 2026
B.E. - Information Technology | CGPA: **8.04 / 10**

Degloor College, Degloor   2022
12th | Latur Divisional Board | Percentage: **74 / 100**

Sadhana High School, Degloor   2020
10th | Latur Divisional Board | Percentage: **87.80 / 100**

INTERNSHIPS

Prodigy InfoTech | IT / Computers - Software   15 Jan, 2025 - 15 Feb, 2025
Data Science Intern

Key Skills: Statistics   Data Visualization   Python   Data Cleaning   Machine Learning

As a Data Science Intern at Prodigy InfoTech, Gained practical experience in data analysis, machine learning, and visualization. Worked on data cleaning, statistical modeling, and predictive analytics using Python, scikit-learn, SQL, Matplotlib, and Seaborn. Strengthened problem-solving and communication skills in a real-world edtech environment.

Technogrowth Software Solutions Pvt. Ltd. | IT / Computers - Software   26 Dec, 2024 - 27 Jan, 2025
Java Full Stack

Key Skills: Spring Boot   Angular   Java   Maven   MySQL

During my internship, I developed an Employee Management System using Java, MySQL, Spring Boot, and Maven. My responsibilities included designing and implementing features like employee data management, attendance tracking, and role-based access control. I created backend APIs, optimized database queries, and ensured seamless integration with MySQL.

Additionally, I configured Maven for dependency management and followed best practices for modularity and performance. This experience enhanced my technical skills in full-stack development, frameworks, and database management, while also improving my problem-solving and teamwork abilities in a real-world project environment.

PROJECTS

Invoice Generator   11 Jun, 2025 - 17 Jun, 2025
Team Size: 1

Key Skills: React.js   CSS   Data Manipulation   Front-End Web Development

Project Link: https://github.com/balaji0210/Invoice_Generator

Developed a responsive Invoice Generator using React and Tailwind CSS, enabling dynamic item entry, real-time calculations, and client detail management. Implemented state management, form handling, and print-ready output for streamlined invoice creation.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Early Detection and Management of Forest Fires Caused by Natural Events   04 Apr, 2025
International Journal for Science and Advance Research in Technology

ASSESSMENTS / CERTIFICATIONS

MongoDB Developers Toolkit

Key Skills: MongoDB   SQL   Python

NPTEL Python for Data Science

Key Skills: Python   Data Visualization   Data Manipulation   Machine Learning

NPTEL – Python for Data Science is an 8-week IIT Madras course covering Python programming, data handling with NumPy and pandas, and data visualization. It includes hands-on assignments, quizzes, and an introduction to machine learning concepts for practical, real-world application.

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

Key Skills: Machine Learning   Deep Learning   Artificial Intelligence

Oracle Cloud Infrastructure 2025 Generative AI Professional

Credential from Oracle University validating expertise in Generative AI fundamentals, LLMs, prompt engineering, RAG, and OCI AI services. Demonstrates ability to build, deploy, and monitor AI applications securely on Oracle Cloud.

SEMINARS / TRAININGS / WORKSHOPS

Edunet Hands-on Training **Institute Name:** Sinhgad Institute of Technology
10 Feb, 2025 - 14 Feb, 2025

Key Skills:

Data Science   Data Analytics   Statistical Data Analysis   Data Cleaning   Data Manipulation   NumPy   Panda

Machine Learning

IBM Training
15 Apr, 2024 - 17 Apr, 2024

Institute Name: Sinhgad Institute of Technology

Key Skills: Data Science   Machine Learning   BOT

EXTRA CURRICULAR ACTIVITIES

- Head – Documentation Team, NSS
- Co-Head – Documentation Team, CCC

WEB LINKS / IMs

- WhatsApp - 7385654031
- Other - https://leetcode.com/u/Balajiuplanchwar/
- Github - https://github.com/balaji0210