Yash Rajendra Lone

B.Tech - Computer Engineering

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EDUCATION

B.Tech in Computer Engineering	2021 – 2025
Vellore Institute of Technology, Bhopal	CGPA 7.03
12th Science	2021
Dr. M.S. Gosavi, Nashik, Maharashtra (HSC Board)	89.33 %
10th	2019
New Era English School, Nashik (SSC Board)	78.20 %

TECHNICAL SKILLS

Languages: Java, Python, C/C++

Skill's: SQL, Software Engineer Development, Web Development, DBMS, AL and ML, DSA, Data Analysis.

Experience

- **Acmegrade - Artificial Intelligence Intern |** *Winter Internship (2 months)*   Sept 2023 – Nov 2023
  - Developed a Project "Advanced Image Filters and Transformation"
  - Created filters for converting images to grayscale and black and white, extracting blue channels, and performing matrix-based image transformations and pixel zooming.
  - Skills: Python, OpenCV, NumPy, Image Processing
- **DiSHA – Programming Faculty |** *Summer Internship (6 month/24-weeks)*   Sept 2022 – Feb 2023
  - Taught various Programming Languages, Front-end and Back-end Technologies.
  - Mentored nearly 30+ students from Engineering, Bachelors and Professionals
  - Skills: C, C++, Java (Core & Advanced), Python, Data Structures in C/C++, HTML, CSS
- **ALF Engineering – SDE Intern|** *Summer Internship (3 month/12-weeks)*   July 2024 – Oct 2024
  - Built a Leave Approval System using PHP and SQL to manage leave data and eligibility.
  - Designed a responsive UI with HTML, CSS, and JavaScript for leave requests.
  - Skills: PHP, SQL, JavaScript, HTML, CSS, UI/UX Design, Web Development

PROJECTS

Soil Fertility Measuring using AI | *Group Project*   March 2024
- Developed a Project "AI-Based Soil Fertility Assessment"
- Utilized machine learning algorithms to analyze soil composition, moisture levels, and nutrient content using data from sensors and satellite imagery for optimal agricultural practices and crop yield.
- Skills: **Raspberry Pi 3, Arduino, Embedded C, Moisture sensor.**

Online Food Delivery App | *Solo Project*   Aug 2023
- Developed a Project "Seamless Online Food Delivery App"

- Created an intuitive interface with secure payment options, personalized recommendations, and real-time delivery tracking to connect customers with a variety of restaurants.
- Skills: **Java, HTML, CSS, JavaScript**

Email Application | *Solo Project*   Apr 2023
- Developed a Project "Streamlined Email Communication App"
- Implemented features such as customizable folders, priority filtering, integrated calendars, and security measures to optimize productivity and connectivity across devices.
- Skills: **Java, Swing, Client-Server model**

CERTIFICATIONS

- Bits and Bytes of Computer Networking – by Google
- Cloude Computing – by NPTL

EXTRACURRICULARS

- **World Environment Day Drive Participant** | Nashik Ploggers   June 2024
  - Collecting Litters and Scraping the waste at Nashik city's most crowded public places.
  - I was one of the 200+ participants to be registered and have worked with Nashik Ploggers.
- **Event Team Lead at IoT club | VIT, Bhopal**   July 2022 – Sept 2023
  - Conducted all successful Technical events for the well being of club.
  - Crowd Management and distributing tasks to each event team member.
- **Blood Donation Camp | VIT, Bhopal**   Sept 2022
  - Donated bold at the Blood donation camp organized by AIIMS, Bhopal at college.
- **Women's Day Drive Participant** | Nashik Ploggers   March 2022
  - Collecting Litters and Scraping the waste at Nashik city's most crowded public places.
  - I was one of the 350+ participants to be registered and have worked with Nashik Ploggers.