

# DIGVIJAY VYANKAT LOHAR

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## Summary

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BTech in Computer Science and Engineering with First Class with Distinction, knowledgeable in automated systems, machine learning, and web development. Proficient in Python, SQL  
Completed internships and certifications in Python and front-end development.

## Education

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- Annasaheb Dange College of Engineering and Technology, Ashta 2020-2024  
BTech, Computer Science and Engineering, First class with Distinction
- Sadguru Gadage Maharaj College, Karad  
Higher Secondary 68.15% 2018-2020  
Second Secondary 85.80% 2017-2018

## Projects

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- **Automating-Bank-Check-Extraction-from-Scanned-PDFs (link)** May-July 2024
  - Developed a sophisticated automated solution for text extraction from scanned PDF bank checks, cutting manual processing hours by 80% and enhancing data accuracy by 25%, streamlining financial workflows.
  - Implemented optical character recognition (OCR) using Python and MSOCR.  
**Tech stack** – Python, SQLite3, MSOCR
- **Cloud-Based Skin Disease Detection Using ML (link)** 2023-2024
  - Developed a machine learning model for detecting skin diseases.
  - Built a web application using Flask for user interface and interaction.
  - Implemented front-end components using HTML, CSS, and JavaScript.
  - Deployed the application on the cloud and integrated MongoDB for database management.  
**Tech stack** – Python, HTML, CSS, JavaScript, Flask, MongoDB
- **RFID base Door-lock system** 2022-2023
  - Developed an RFID-based door lock system for secure access control.
  - Designed and implemented the web interface using HTML, CSS, and JavaScript.
  - Utilized XAMPP for local server setup and database management.
  - Programmed the microcontroller using Arduino IDE for RFID tag reading and control.  
**Tech stack** - HTML, CSS, JavaScript, XAMPP, Arduino IDE
- **PDF Secure** 2022-2023
  - Developed a user-friendly interface and added PDF security features.
  - Integrated advanced document conversion capabilities for multiple file formats, reducing manual processing time by 60% and increasing user engagement by 25% through enhanced functionality  
**Tech stack** - Python, Tkinter, Pypdf2, docx2pdf, img2pdf.

## Skills

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- Python
- C
- CPP
- HTML
- CSS
- Javascript
- SQL
- Django
- Machine Learning
- Web Development
- Problem solving
- Team-work

## Internship

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- **Python stack developer** | Infosys Springboard | Remote May-July 2024
  - Developed an automated system to extract text from scanned PDF documents.
  - Utilized Python libraries and tools for efficient text extraction and data processing.
  - Improved document handling accuracy and streamlined the text extraction workflow.

## Certificates

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- Python for Data-science by NPTEL 2023
- Crash course on python by Coursera 2023
- Python Basic to Advance by Hackerrank 2022
- Front-end Development by Great Learning 2022