Saikrithik L

Software Engineer

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Profiles	in lsaikrithik	○ lsaikrithik	▥ lsaikrithik

Summary

B.TECH in Computer Science & Engineering at **INDIAN INSTITUTE OF TECHNOLOGY (IIT),** Tirupati [National Institute of Importance]

Approximately 11 months of hands-on Internship experience in **PYTHON** and **FULL STACK** Development, working with technologies such as **Flask, MySQL, JavaScript, HTML, CSS, React.js, Node.js, Express.js, and MongoDB** to build dynamic and scalable web applications.

Internship

Saathvik Solutions, Chennai   March 2024-November 2024
Intern   Hybrid

Project 1- APP (Asian Paints Project)

FULL STACK-React JS | Node JS | Express JS | MongoDB | HTML | CSS

Developed an automated software solution for an Asian Paints dealer to streamline the creation of advertisement hoardings and display boards for client shops.

Key Responsibilities:

- Developed and maintained full-stack web applications using React.js, Node.js, Express.js, and MongoDB, designing RESTful APIs
- Created responsive UI with JavaScript, HTML, and CSS and optimized database integration

Project 2- Employee Management System (EMS)

Python | Flask | SQLite | MySQL | HTML | CSS

Designed and developed an EMS using Python (Flask) with MySQL and SQLite to streamline employee data management and project tracking for admins, HRs, managers, and employees.

Key Responsibilities:

- Built and maintained web applications using Flask, MySQL, and SQLite
- Developed responsive web interfaces with JavaScript, HTML, and CSS and optimized database integration

Wolfers Tech, Chennai   Jun 2022-July 2022
Summer Intern   Remote
🔗 https://www.wolferstech.com/

Python | Django | JavaScript | HTML | CSS | Firebase

Project -BMI Calculator and Diet Plan Website

The Body Mass Index (BMI) Calculator and Diet Plan Website is a software project that eliminates the need for more manual hours to calculate and locate the BMI for a specific person with a single click

- Work Supported in Software using Python, Django, JavaScript, HTML, CSS.
- Planned with Team for the features, design, style and the user options

Education

Indian Institute of Technology [IIT], Tirupati   2024
Computer Science and Engineering 5.3 CGPA   B. Tech

SKM Higher Secondary School, State Board, Tamil Nadu   2019
72.3%   Class XII

DAV Senior Secondary School, CBSE Board Tamil Nadu   2017
8.4 CGPA   Class X

Technical Skills	**Programming Languages**
	Python | JavaScript | C++ | C | Core Java

Frameworks, Python Libraries,Deep Learning Frameworks,Databases

React Js \| Node Js \| Express Js \| Django \| MySQL \| MongoDB \| PostgreSQL \| NumPy \| Pandas \| Scipy \| Matplotlib \| PyTorch \| TensorFlow \| Android

Web Design, Version Controls & Other Technologies

HTML \| CSS \| Git \| Autocad

Integrated Development Environmen

Visual Studio \| Jupyter Notebook \| PyCharm \| Android Studio

Operating Systems

Windows \| Linux

Special Skills

Software Architecture \| Product Design \| Debugging \| Testing \| Leadership \| Problem Solving \| Teamwork \| Creative

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Projects

Automate Job Application-LinkedIn   Oct 2024

Python \| Selenium

- Designed and implemented a script to utilize LinkedIn's "Easy Apply" feature, streamlining the application process for multiple job listings matching user-defined criteria.
- Provided an alternative option to "Save" relevant job listings and follow the respective companies, ensuring flexibility in the application approach

Conditional Value at Risk Estimation in Reinforcement Learning   2023 7th Sem

Reinforcement Learning \| Python \| Jupyter Notebook

- Proposed a design to implement naive Monte Carlo and variance-reduction technique
- Planned to implement other Monte Carlo simulation methods for estimating a quantile

Engineering Unit   2023 7th Sem Team Project

React Js \| Node JS \| Express Js \|MongoDB

- Designed and executed consistent page Layout in Mern Stack Environment
- Facilitated the booking and allotment of institute common facilities & saved in MongoDB

Certifications

100 Days of code: The Complete Python Pro Bootcamp   2025

Udemy

CS50P Introduction to Programming with Python   2024

Harvard University

🔗 https://cs50.harvard.edu/certificates/22582030-56c7-4b24-99b4-6f57aabdf6a0

The joy of Computing Using Python   April 2023

NPTEL

Programming for Everybody (Getting Started with Python)   July 2022

University of Michigan

🔗 https://coursera.org/verify/EQPBLAYP42PD

Online Summer School on Machine Learning   July 2021

Department of Computer Science & Engineering, IIT Tirupati

Personal Details

Date of Birth	Father's Name	Gender	Marital Status
17.08.2001	S. Lakshminarayanan	Male	Single

Languages	English	Tamil	French	Spanish	Hindi