SASIKUMAR K

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CAREER OBJECTIVE

I aim to leverage my strong foundation in software development, along with my diverse skills in programming languages, web technologies, and cloud computing, to contribute to innovative projects in a dynamic IT environment. With a focus on full-stack development and data-driven solutions, I am committed to continuous learning and staying updated with the latest industry trends to proactively tackle challenging technical problems.

TECHNICAL SKILLS

Python · Java · C/C++ · Javascript · HTML5 · CSS3 · Bootstrap · React · Redux · API · Flask · Django · SQL · MongoDB · ServiceNow

TOOLS

Firebase · Git & GitHub · Canva · Figma · Postman · VS Code

EDUCATIONAL BACKGROUND

SSLC - Jun 2018 - Apr 2019, Mark % - **85.6%** | **HSC** - Jun 2020 - Apr 2021, Mark % - **89.36% -** linkshort.web.app/a

B.E. EEE - Sathyabama Institute of Science and Technology, **2021 - 2025**, CGPA - **8.59* -** linkshort.web.app/b

CERTIFICATIONS

- 🎖 **NPTEL -** DSA Using Python **(Jan 2023 - Mar 2023),** DBMS **(Jun 2023 - Dec 2023),** Java **(June 2023 - Dec 2023),** Data science **(Jan 2023 - Mar 2023),** Cloud Computing **(Jan 2023 - Apr 2023)** - linkshort.web.app/c

- 🎖 **HACKERRANK** - **Jan 2023 - Feb 2023** - SQL **-** hackerrank.com/profile/SASIKUMAR_SIST

- 🎖 **SERVICE NOW** - CSA, CAD - **Jul 2024** - **Oct 2024** - linkshort.web.app/h

- 🎖 **BHARAT** - **Dec 2023 - Jan 2023** - Virtual Internship in Full Stack Web Development - linkshort.web.app/d

- 🎖 **GUVI** - **Jun 2022** - JavaScript **-** linkshort.web.app/e

PROJECTS

- 💡 **Club and Event Websites** - **Team Size** : 3, **Role** : Developer   React   Google Sheet API   Firebase

  Club Website - sistscienceclub.web.app , **Symposium Webiste** - horizon2024.web.app

  It is used to showcase events, activities, registration forms, ticket with admin panel.

- 💡 **Voice Controlled Car** - Team Size : 1   Python   SVM   Arduino

  Code - github.com/SASIKUMAR-K/Voice-Controlled-Car

  Car controlled by a system where the ML model processes voice commands to direct the controller.

- 💡 **Traffic Sign Prediction** - **Team Size** : 2, **Role** : UI and ML Model   Python   Deep Learning   CNN

  Code - github.com/SASIKUMAR-K/Traffic-Sign-Prediction

  It is very useful as it helps reduce human errors. The vehicle will behave according to the sign detected.

- 💡 **Shopping Web app** - **Team Size** : 1   `Python` `Django` `Mysql`

  Code - github.com/SASIKUMAR-K/Shopping-Web-App

  The features of this site include login and signup. Manage all data in the admin panel.

- 💡 **Solar panel Cleaning Robot**- **Team Size** : 4, **Role** : Programmer   `Python` `Django` `Mysql`

  Document - linkshort.web.app/f

  It is used to automatically clean large-scale solar panels using Arduino and a motor.

- 💡 **Similar Projects**

  CGPA - computecgpa.web.app,   **Short Link** - linkshort.web.app, **Gas Leakage Alarm System** - linkshort.web.app/g

  QR Code - buildqr.web.app, **Wheather Prediction, NetBanking** - github.com/SASIKUMAR-K/Banking-system

NOTABLE ACHIEVEMENTS

Events - I have won and organized multiple tech events, serving as a resource person, event, and technical manager.

Award - Smt. Manonmani & Shri Rajagopalan Memorial Award for Volunteer Contributions at Maatram Foundation.

RESPONSIBILITIES

Vice President - Science Club - Feb 2023	**EEE Coordinator -** Community Developement club - May 2023
University Spoc - Maatram Foundation - Oct 2023	**Physics Tutor** - Karpoom Karpipoom - Jun 2023
Technical Co Lead - ACM SIST - Oct 2023	**Design Team** - IEI EEE Student Chapter - Aug 2023