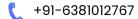
# **VIGNESH BOOPATHI**

# **FULL STACK DEVELOPER**



🔀 vigneshboopathi2002@gmail.com



#### SUMMARY

Passionate Full Stack Developer with handson experience in building responsive web
applications using React, Node.js, MongoDB,
and Express. Completed a full stack developer
certification from GUVI and built real-world
projects like a Zoomcar-inspired AutoShare
app and a Spotify UI clone. Also passionate
about hardware and robotics, having
designed an Al-integrated quadruped robot.
Currently seeking developer roles to apply
and grow my skills.

#### EDUCATION

# VEL TECH MULTI TECH DR.RANGARAJAN DR.SAKUNTHALA ENGINEERING COLLEGE

Sep 2019 - Apr 2023

B.E. in Electronics and Communication Engineering (ECE)

- Designed and developed a quadruped robot with voice and remote internet control.
- Built IoT systems using Raspberry Pi and embedded platforms.

# GUVI GEEK NETWORKS, IITM RESEARCH PARK

# Sep 2023 - Apr 2024

MERN Stack Certification Program

- Completed hands-on projects including AutoShare and web apps with React and MongoDB.
- Learned deployment, Git workflow, web security, and REST API integration.

## SKILLS

Frontend: HTML5, CSS3, JavaScript, React.js

**Backend:** Node.js, Express.js, MongoDB, REST APIs Tools & Platforms: Git, GitHub, VS Code, Netlify,

Heroku

Other: Responsive Design, JWT Auth, Agile basics

#### **PROJECTS**

## AUTOSHARE - ZOOMCAR-INSPIRED CAR RENTAL APP

## React.js, Node.js, MongoDB, Express

Developed a full-stack car rental web platform allowing users to browse, book, and manage vehicles. Built separate frontend and backend repositories with authentication and CRUD operations.

## SPOTIFY UI CLONE – FRONTEND PROJECT React.js, SCSS

Designed a responsive Spotify-inspired music player UI with React components and custom styling. Demonstrated frontend state management and layout composition.

## SPY-DER: AI SURVEILLANCE ROBOT Raspberry Pi, Arduino, Python, IoT

Built a four-legged Al-powered robot that can be controlled remotely through the internet and voice commands. Designed for surveillance, with semi-autonomous movement using sensors and speech recognition.

## **ACHIEVEMENTS**

- Built a fully functional Al-powered quadruped robot as a college project.
- Ranked among the top 10% at GUVI's Full Stack Developer Program.
- Developed and deployed multiple open-source web apps hosted on GitHub.

#### INTERNSHIP

# PORT INTERNSHIP - CHENNAI HARBOUR Jan 2023

Worked with hardware and systems teams at Chennai Harbour. Learned about network architecture and IoT security systems in port infrastructure.