

# VIGNESH BOOPATHI

## FULL STACK DEVELOPER

+91-6381012767

vigneshboopathi2002@gmail.com

Chennai, Tamilnadu, India

**Portfolio:** [vignesh-boopathi.github.io/my-portfolio](https://vignesh-boopathi.github.io/my-portfolio)

### SUMMARY

Passionate Full Stack Developer with hands-on experience in building responsive web applications Leveraging React, Node.js, MongoDB, and Express. Completed a full stack developer certification from GUVI and constructed real-world projects on Zoomcar-inspired AutoShare app and a Spotify UI clone. Also passionate about hardware and robotics, having created an AI-integrated quadruped robot. Currently seeking developer roles to apply and grow 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 devised a quadruped robot with voice and remote internet control.
- Established IoT systems operating on 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*

Formulated 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*

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

### ACHIEVEMENTS

- Built a functional AI-powered quadruped robot as a college project.
- Ranked among 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.