VIGNESH BOOPATHI
FULL STACK DEVELOPER

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📍 Chennai, Tamilnadu, India

SUMMARY

Passionate Full Stack Developer with hands-on 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 AI-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 AI-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 AI-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.