

# Shiva Mohan Gorle

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## About

Hello, I am Shiva Mohan Gorle, currently pursuing a Bachelor of Technology (B.Tech) in Information Technology at Vishnu Institute of Technology, Bhimavaram. My academic journey has ignited a deep passion for exploring and mastering a diverse range of cutting-edge technologies. I have a particular focus on web technologies, designing, computer networking, security, Internet of Things (IoT), and Android development.

With a solid technical skill set, I am proficient in programming languages such as Python, C, and Java. I am committed to continuously expanding my knowledge and staying abreast of the latest advancements in the tech industry. I am highly motivated, quick to adapt to new technologies, and eager to collaborate on projects that push the boundaries of technology

## Education

### Vishnu Institute of Technology

BTech , Information Technology  
8.8 CGPA

Bhimavaram, India  
2022 - 2026

## Work Experience

### AICTE

Google AIML virtual Intern

Remote

April 2024 - present

- Worked on developing and refining machine learning models, analyzing large datasets, and implementing innovative AI solutions. This virtual internship allowed me to collaborate and enhance my skills in artificial intelligence and machine learning.

### Codeway

Fullstack Web Development Intern

Remote

January 2024- March 2024

- Build and optimized Frontend and server-side applications using React, Node.js and Express. Designed and maintained databases with MongoDB, PostgreSQL and Firebase

### Fortinet

Network security associate Intern

Remote

November 2023-February 2024

- At Fortinet, working remotely. I focus on threat analysis, vulnerability assessment, and implementing security protocols. This internship allowed me to collaborate globally and enhance my cybersecurity skills.

## Projects

### FieldMate

Html, CSS, JS, Node, Express.js, API, PostgreSQL, ML, Tensorflow, python, Firebase

Farmer friendly Web Application providing weather forecast data, Plant virus detection(ML), soil type and crop data based on region, Info related to Advanced farming Techniques and technologies

[Github](#) [Demo](#)

- Crafted the application with Html, css, js, node, express.js to facilitate the reliability.
- Implemented Weather forecast using the Open weather Map API for Realtime updates
- Leveraged PostgreSQL and Firebase for User Authentication, Data Storage and Deploying

### Dev\_Diaries

Collection of Blogs for Developers

React.js, Node.js, Express.js, MongoDB, Firebase

[Github](#) [Demo](#)

- Crafted a single-page application with React.js and Node.js to facilitate the sharing of development blogs.
- Leveraged MongoDB and Firebase for Data Storage and Deploying

### TreeEconomy

Web Application to donate for planting on occasions

Html, CSS, JS, Node.js, Express.js, Php, Xampp, Firebase

[Github](#) [Demo](#)

- Crafted a single-page application with React.js and Node.js to facilitate the sharing of development blogs.
- Implemented static site generation for accelerated load times and increased efficiency.
- Leveraged MongoDB and Firebase for Data Storage and Deploying

### IOT based Dashboard

Dashboard for collected data by IOT Sensors

Arduino IDE, Node.js, Express.js, PostgreSQL, php, Xampp, PgAdmin

[Github](#) [Demo](#)

- Implemented static site generation for displaying data collected by the sensors in different representations in dashboard
- Data is stored in databases of Xampp and PgAdmin for displaying and further assistance

## Technical Skills

**Programming Languages :** Python , C, Java, Javascript, SQL

**Web Technologies :** HTML5, CSS, JS, EJS, jQuery, Node.js, Express, API, MERN stack

**Libraries/Frameworks :** React.js, Bootstrap, Tailwind, Next.js, Tensorflow, pytorch

**Database :** MongoDB, Firebase, PostgreSQL, Xampp(php)

**Android Development:** Android Studio, Kotlin, React native

**Cloud Platforms :** AWS, Google Cloud

**Cybersecurity :** Kali Linux, Wireshark, Intrusion Detection, SIEM

**Tools :** Figma, postman API, Arduino IDE

**Miscellaneous :** Linux, Git, IOT, Network Analysis