

# JOEL FERNANDES

FULL STACK DEVELOPER 📍 GOA, INDIA 📞 +919619180172

## ◦ DETAILS ◦

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## ◦ LINKS ◦

[Portfolio](#)

[Github](#)

[LinkedIn](#)

## ◦ SKILLS ◦

### Programming Languages

JavaScript, TypeScript, Python

### Frameworks & Libraries

React, Node.js, Express.js, Django

### Databases

PostgreSQL, MongoDB, MySQL

Tools & Technologies

Git, D3.js, Tailwind CSS

### Other Skills

API Development, Performance

Optimization, Debugging

### Soft Skills

Leadership, Team Collaboration,

Problem-Solving, Adaptability,

Effective Communication, Critical

Thinking

## ◦ LANGUAGES ◦

English

Hindi

Marathi

Konkani

## 👤 PROFILE

Result oriented Full Stack Developer with over 4 years of experience in developing and maintaining web applications, gaming server applications, and government technology solutions. Expertise in building interactive dashboards, secure RESTful APIs, and scalable front-end and back-end systems. Proven ability to lead teams, optimize system performance, and create data-driven solutions.

## 📁 EMPLOYMENT HISTORY

### Senior Full Stack Developer at IIT Bombay, Mumbai, India

October 2023 — Present

- Developed and maintained the **Sustainable Development Goals (SDG) Dashboard** for the Government of Rajasthan using React, Node.js, D3.js, Django, MySQL, and Tailwind CSS, increasing accessibility of key metrics for over 500+ stakeholders.
- Designed interactive data visualizations to make complex SDG metrics more accessible.
- Built responsive and cross-device compatible UI components for enhanced user experience.
- Created secure RESTful APIs for data retrieval and management, improving system performance.
- Collaborated with government officials to define project objectives and align development efforts.
- Worked on the **Health Management Information System (HMIS)** for the Government of Maharashtra using React, Node.js, Express, TypeScript, PostgreSQL, and Tailwind CSS.
- Developed data visualization components that enhanced data comprehension for 300+ government personnel.
- Optimized PostgreSQL queries, reducing database response time by 50%.
- Ensured security best practices, API validations, and system scalability.
- Conducted code reviews and maintained technical documentation, improving development efficiency by 20%.

### Full Stack Developer at Knife Down LLC, USA

August 2021 — August 2023

- Developed and preserved RageMP & AltV gaming server applications using Node.js, JavaScript, TypeScript, React, MongoDB, and MySQL handling over 400 concurrent players.
- Built and optimized server-side functionalities for player data management and in-game transactions.
- Designed interactive UI components with React and Tailwind CSS.
- Led a team of 3-4 developers, overseeing project planning, testing, and deployment, reducing project turnaround time by around 30%.
- Mentored junior developers and enforced coding best practices.

## 🎓 EDUCATION

### Bachelors in Computer Application, St. Xaviers College, Goa, India

2019 — 2022