

# MUTHASIR

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## Full Stack Developer (Python, React, React Native)

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### PROFESSIONAL EXPERIENCE

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- Full stack developer expertise in design, development and deployment of advanced web applications with proficiency spanning frontend, backend, and cloud environments.
- Crafted professional applications using Python, React.js and React Native that are optimized for speed and security and structured for easily readable and maintainable.
- Proficiently leveraged various web servers, load balancers, and AWS resources for DevOps at a professional level in both horizontal and vertical scaling strategies.
- Worked with different types of server load testing with tools like Apache JMeter, Blazemeter, etc ensuring optimal performance and robust scalability in applications.

### SKILLS

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- Python, Javascript, Django, React.js, PostgreSQL, React Native
- Django Rest Framework, MongoDB, Apache Jmeter, Postman
- RESTful APIs, WebSocket, Data Structures
- Git, Microservices, Nginx, JWT, OAuth, Python Web Servers
- Django Channels, Celery, AWS, Docker, Redis
- TailwindCSS, Material UI, Bootstrap, Figma, Framer Motion

### EXPERIENCE

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#### Full Stack Engineer Romulus Oil and Gas (SEP 2022 - Present) [Link](#)

Led the strategic planning, development, deployment, and ongoing maintenance of fuel management, diesel delivery and related web and mobile applications.

- Optimized pre-existing applications by efficiently utilizing cloud resources at optimal scaling levels, employing advanced caching techniques, code minification and compression, same time reducing server maintenance costs.
- Achieved more than 3x performance improvement while halving server costs.
- Developed applications that connected to the automated system with IoT using microcontrollers with seamless data integration.
- Implemented functionalities such as online delivery, live fuel level monitoring, location-based asset tracking, a comprehensive billing and invoicing system, live chat support and more.

- **TECHNOLOGIES USED**

Django | React.js | PostgreSQL | DRF | Celery | Material UI  
Tailwind CSS | Raspberry Pi | Channels | Redis | JWT | React Native  
Gunicorn, Nginx | AWS RDS, S3, CloudWatch, Amplify, EC2, IoT, API Gateway

## **Full Stack Developer** Brototype (April 2022 - SEP 2022)

Acquired mastery in core Python, JavaScript, and React for advanced web development.

- Crafted social media, ecommerce and several management applications
- Features like Live chat, OTP Verification, Payment systems, Guest cart, Coupons, Offers, Refferal, Wallet, Invoice, Return and entire Admin side managements, etc.
- Integrated many popular apis and libraries like Payment gateways, OAuth providers, UI Libraries, Testing Frameworks, etc.
- Mastered core data structures for efficient problem-solving.

## **Web Developer** ThunderCam Solutions (NOV 2021-APRIL 2022)

Successfully delivered several static and management web applications.

- Played a key role in the development of management websites, gaining valuable insights into backend technologies and database management.
- Engaged in continuous learning and leveraging the guidance of senior developers to enhance my skills and adapt to evolving industry standards.

## **RECENT PROJECTS**

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- FMS (Fuel Mangement System)
- Connect-X (Storage + Social Media)
- Groves Auto Parts (E-commerce)
- School Portal
- Incubation Management
- AI OCR Reader
- Face Mask Detection and Attendance
- TravelBuddy (Travel Planning and Itinerary App)

## **EDUCATION**

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### **Bachlor of Computer Application - BCA**

University of Calicut | June 2019 - Mar 2022