

# Raees Irfan

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## EDUCATION

### BMS College of Engineering

Bachelor of Engineering in Electronics and Communication

Bengaluru, Karnataka

2020 – 2024

## EXPERIENCE

### Software Developer

Sep 2025 – Present

Trade-57.AI (Al Mukarramah Consulting Service)

Bengaluru, India

- Develop and maintain full-stack web applications using **React.js, JavaScript ES6+, and Node.js**
- Build reusable React components and implement state management using hooks and context API
- Collaborate with backend teams to integrate RESTful APIs and optimize application performance
- Implement modern development practices including Git workflows, code reviews, and testing frameworks

### Software Developer Intern

Feb 2025 – May 2025

India IoT Hub

Bengaluru, India

- Developed **3 production-level** Flutter features for IoT device management, reducing delivery time from **2 weeks to 10 days**
- Architected MVC architecture in Flutter codebase, improving maintainability and reducing bug reports by **40%**
- Engineered responsive Flutter components achieving **100% cross-device compatibility** across platforms
- Optimized Firebase queries and lazy loading, reducing app load time from **4.2s to 2.9s (30% improvement)**

### Product Operations Intern

Aug 2024 – Dec 2024

iMumz (Shark Tank Funded Startup)

Bengaluru, India

- Executed **9+ monthly** campaigns through Retool and Firebase, increasing conversion from **12.4% to 13.2%**
- Analyzed user data in MixPanel and conducted **5+ A/B tests**, improving engagement by **10%** over **4 months**
- Launched **20+ targeted** campaigns using MoEngage and Wati, resulting in **11.5% increase** in participation
- Optimized user acquisition funnels by identifying drop-off points, improving retention rate by **8%**

## PROJECTS

### Multi-Vendor E-commerce Platform | Flutter, Node.js, MongoDB, RESTful APIs

2025

- Developed full-stack cross-platform e-commerce app with multi-vendor support and product catalog
- Integrated JWT authentication, cart persistence, and real-time inventory management via REST APIs
- Designed admin dashboard with MongoDB aggregation pipelines for sales analytics and tracking
- Achieved **40% improvement** in user checkout flow efficiency through streamlined UI/UX design

### Emergency Response Analytics System | Python, PostgreSQL, Pandas, Matplotlib

2024

- Analyzed **100+ emergency call** records using Python and PostgreSQL to identify response patterns
- Created interactive Matplotlib dashboards visualizing call distribution by time, location, and priority
- Deployed predictive analytics using statistical modeling, improving resource allocation by **25%**

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, Dart, C++, SQL

**Frontend Technologies:** React.js, HTML/CSS, Responsive Design, ES6+

**Backend Technologies:** Node.js, RESTful APIs, FastAPI

**Mobile Development:** Flutter, Cross-platform development

**Databases:** PostgreSQL, MongoDB, MySQL, Firebase

**Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda), Git, Cloud Computing

**Data Analysis:** Pandas, NumPy, Matplotlib, MixPanel, Statistical Analysis, A/B Testing

**Tools:** Power BI, Figma, Retool, MoEngage, Wati, Excel

## CERTIFICATIONS

**Microsoft Power BI Data Analyst** – Microsoft/Udemy

**Python for Data Science and Machine Learning** – Udemy

**SQL Bootcamp** – Udemy

**AWS Certified Cloud Practitioner** – In Progress