

# Abdul Rafey Hussain Parveen

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## Profile

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Software Engineering student with experience building full-stack and mobile applications used by real users. Founder of a deployed app with 600+ users. Strong in Flutter, Firebase, and modern web technologies.

## Education

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### BSc Software Engineering

2023 – 2027

University of Malaga

Exchange Program, University of Birmingham

## Projects

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### Compi — Roommate Matching App

- Built and deployed a cross-platform mobile app using Flutter and Firebase
- Reached **600+ registered users** on App Store and Google Play
- Developed full-stack features including authentication, real-time systems, and matching logic
- Designed core system architecture in a 2-person team

### Civic-Scope — Civic Engagement Platform

- Developed a mobile platform focused on civic data and engagement
- Contributed to system design and modular architecture
- Collaborated in a structured team environment

### Multiplayer Platform Plugins (PHP)

- Developed backend plugins for a multiplayer platform using PHP (PMMP)
- Achieved **thousands of downloads** across multiple servers
- Implemented event-driven server-side systems and backend logic
- Applied version control and collaborative workflows using Git

## Experience & Achievements

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### J On The Beach Hackathon — Winner

- Built the **most profitable trading portfolio** in a fintech competition
- Designed algorithmic decision-making strategies to optimize trading results

### Unihack Centauri — Runner-up

- Developed and deployed a website using Next.js
- Led frontend development and UI/UX design

### Malackathon — Top 10

- Built a data analysis dashboard using Python and Dash
- Analyzed hospital data including stay duration, severity, and cost

## Skills

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**Languages:** JavaScript, Python, Java, PHP, SQL

**Frameworks:** Flutter, React, Next.js

**Tools:** Firebase, Git, Dash

**Concepts:** Machine Learning, SDN, OOP, Event-Driven Programming

## Languages

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English (Fluent)

Spanish (Native)