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# Professional Summary

I am a **passionate software engineer** with **over 3 years of experience** in **full-stack development**, specializing in **Python (Django), Flutter, and Firebase**. I have expertise in **real-time systems, backend architecture, and cloud computing** and have worked with **JavaScript, Java, C++, Docker, Git, and DevOps tools**. Currently, I am working towards **AWS certifications** to strengthen my cloud computing knowledge.

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# Skills & Technologies

## Programming & Development

- **Languages**: Python, Dart, JavaScript, Java, C++
- **Frameworks**: Django, Flutter, React.js
- **Databases**: Firebase, MySQL, PostgreSQL
- **DevOps & Cloud**: AWS (learning), Docker, Git, Railway, Neon
- **Real-Time Systems**: Django Channels, WebSockets, Firebase Realtime DB

## Project Management & Tools

- **Version Control**: Git, GitHub, CI/CD
- **APIs & Integration**: REST API development, Firebase integrations
- **Hardware & Electronics**: Arduino, robotics, electrical automation

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# Professional Experience

## Software Engineer – Hashmi Surma *(August 2024 – Present)*

- **Manage and develop IT systems** to ensure seamless business operations.

- **Optimize database performance** and implement automation to improve efficiency.
- **Oversee software deployment** and manage cloud integration.
- **Infrastructure Management**: Maintain and enhance IT infrastructure, ensuring security and efficiency.
- **Software Development**: Work on internal business applications and process automation.

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# Notable Projects

## 1. Stock Management System

A **real-time inventory tracking and sales analytics** system for businesses.

- **Tech Stack**: Django, Railway, Neon, Firebase

## 2. Sales System (Flutter & Django)

A **cross-platform sales tracking system** with order management and financial analytics.

- **Tech Stack**: Django, Flutter, MySQL, Firebase

## 3. Encro (Web & Mobile Communication App)

A **secure communication app** with **encrypted messaging and voice calls**.

- **Tech Stack**: Flutter, Django, Firebase

## 4. Dart Chat App

A **real-time chat application** leveraging WebSockets and Firebase.

- **Tech Stack**: Flutter, WebSockets, Firebase

## 5. Recipe Sharing Platform (Work in Progress)

A **community-driven platform** for users and chefs to share and monetize recipes.

- **Tech Stack**: Firebase, Flutter
- **Monetization Plan**: Subscription model and revenue-sharing with chefs

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# Certifications & Training

**In Progress:**

- **AWS Certified Cloud Practitioner** *(CLF-C02)*
- **AWS Certified Solutions Architect – Associate** *(SAA-C03)*
- **AWS Certified Developer – Associate** *(DVA-C02)*
- **OpenAI API Coding with Python**
- **Full-Stack Engineer Career Path (Codecademy)**
- **Machine Learning Engineer (Codecademy)**

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# Education

**Meritorious High School, Karachi, Pakistan**

- **O Levels (Expected Graduation: 2025)**
- **Future Plans**: Pursuing **A Levels** after O Levels

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# Personal Background

- **Tech Enthusiast & Innovator**: Passionate about **programming, electronics, and automation** since childhood.
- **Hands-On Experience**: Experimented with **Arduino, robotics, and electrical systems**, often modifying and improving household electronics.
- **Self-Taught & Adaptive**: Continuously learning and applying new technologies.
- **Strong Work Ethic**: Inspired by my mother's resilience and dedication, which drives me to innovate and excel in technology.

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# Objective

I am looking for **opportunities that foster learning, mentorship, and innovation**, where I can **expand my technical expertise, contribute meaningfully, and collaborate in a dynamic environment**. My goal is to refine my **cloud computing, real-time systems, and full-stack development** skills while building impactful solutions.