

Hamam Al-Rawabdeh

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OBJECTIVE

Software Engineering student at Princess Sumaya University for Technology (PSUT) and President of the Software Engineering Club. With hands-on experience in full-stack development and DevOps tools. Skilled in building scalable web applications and backend systems, and eager to contribute to real-world products and grow in a high-impact engineering environment during a summer internship.

EDUCATION

Princess Sumaya University for Technology | Amman, Jordan *Bachelor of Science in Software Engineering* | Expected Sep 2027

- **Relevant Coursework:** Data Structures, Algorithms Design & Analysis, Object-Oriented Programming, Database Systems, Digital Logic Design, Software Construction

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, JavaScript, Dart
- **Web & Frontend:** React, HTML/CSS, PHP, Flutter
- **Backend & Databases:** PHP, MySQL, PostgreSQL (via Prisma ORM), Firebase
- **DevOps & Tools:** Git, GitHub, Docker, Linux Commands, CI/CD, XAMPP, phpMyAdmin
- **Core Competencies:** secure authentication, modular code architecture

PROJECTS

Mock Interview Management System | *Full-Stack Developer*

- Developed a scalable mock interview platform for the Software Engineering Club, serving 100+ active users with real-time candidate ranking and filtering.
- **Architected** robust backend ranking logic and secure authentication to handle production-scale traffic and data processing.
- **Tech Stack:** JavaScript, Express, React, Tailwind CSS, PostgreSQL.

Taskly – University Web Application | *Backend Developer*

- Developed a hybrid LAMP-React web app for instant task and notes filtering and secure task management alongside a team of three.
- Implemented a PHP backend with MySQL, secure authentication, and password hashing, configuring local development environments using XAMPP and phpMyAdmin.
- Developed a React dashboard for dynamic user interactions without page reloads.

- Tech Stack: JavaScript, PHP, MySQL, React, HTML/CSS, XAMPP

AsnanHub – Collaborative Mobile Application | *Co-Developer*

- Co-developing a cross-platform mobile application utilizing Dart and Flutter.
- Integrated Firebase for robust backend services, ensuring real-time database synchronization and secure user authentication.
- Tech Stack: Dart, Flutter, Firebase.

Arduino-Based Robotic Arm | *Lead Software Developer & System Architect*

- Engineered modular C++ firmware for a 6-Degree-of-Freedom (DOF) robotic arm, controlled via a sensor glove and a joystick.
- Achieved a Full Mark (100%) for architecture, one of only two teams in the cohort to achieve a perfect score.
- Tech Stack: C++, Arduino, Hardware-Software Integration.

Car Rental Management System | *Full-Stack / Database Developer*

- Built an SQL-based relational database system to manage customers, staff, rentals, and fleet inventory.
- Implemented a relational schema with constraints and advanced queries for tiered customers and promotions.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Software Engineering Club | *President (1 year)*

- Bridged the gap between students and industry by launching PSUT's first-ever podcast: *TechTalk – Software Engineering Through the SDLC*, demonstrating the ability to communicate complex Software Development Life Cycle (SDLC) concepts clearly.
- Organized technical mock interviews for students to improve real-world interviewing skills.
- Expanded club initiatives by integrating guest alumni, industry best practices, and AI tools into learning.

Debating Club | *Operations & Events Manager (2 years)*

- Managed complex project logistics across 40+ events, hosted 5 major competitions, and trained 30+ students for competitive debating.
- Applied rigorous critical thinking and logic under high-pressure scenarios, achieving 4th place (as a debater) in the 3rd Asian Universities Debating Championship held in Muscat, Oman, among 40+ international teams from 17 countries.

Community Service Office (CSO) | *Event Planner & Sponsor Team Lead (2 years)*

- Scaled operations to deliver measurable impact, leading cross-functional initiatives that successfully supported 1,000+ individuals across orphanages and elderly homes.

- Demonstrated strong stakeholder management by negotiating sponsorships and coordinating logistics, proving the ability to allocate resources effectively and work collaboratively toward tight deadlines.

COURSES & CERTIFICATIONS

- **DevOps Practical Training: CI/CD & Docker**
Comprehensive training on application containerization using Docker and designing automated CI/CD pipelines for streamlined software delivery.
- **CS50: Introduction to Computer Science**

LANGUAGES

- **Arabic:** Native
- **English:** Fluent