

## JANA ZAKAI

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### EDUCATION

University of Jeddah • BSc in Software Engineering (GPA: 4.91/5)

Sep 2022 - Jul 2026

Relevant Courses: Object-Oriented Programming, Algorithms Design & Analysis, Software Process Models

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### PROFESSIONAL EXPERIENCE

Founder • TAFADA Startup

Feb 2024 - Present

- Secured \$26k+ pre-seed investments for AI-based crowd management solutions.
- Designed system architecture and developed an MVP with 95% accuracy using agile methodologies.
- Conducted requirement engineering and market research for B2G business model.

Project Manager • Ulom for R&D (MISK Sponsored NPO)

Jan 2022 - Jul 2024

- Led the PMO team, defining execution strategies and creating project backlogs and WBS.
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### TECHNICAL PROJECTS

Travel Agent App (Terhal)

Aug 2023 - May 2024

- Developed full-stack implementation with SQL database integration.
- Performed customer interviews and focus groups for requirement validation.
- Led 3 sprint iterations using the Scrum Process Model.

Expert System for Psychological Distress Detection Using Digital Phenotyping

Feb 2021 - Present

- Conducted meta-analysis of 212 clinical trials for system framework development.
  - Designed UI prototypes and conducted Wizard of Oz usability testing achieving usability score of 70.
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### TECHNICAL SKILLS

Programming Languages: Python, Java, SQL, C

Frameworks & Tools: Git, Figma, Jira, Maze Testing, Latex, technical documentation, Software modeling

Technologies: Machine Learning, Computer Vision, Agile Development, optimization algorithms, UX/UI

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### EXTRACURRICULARS

Qimam Fellowship • Mckinsey & Co.

Feb 2021 -Present

- Selected among the top 0.02% Saudi students for career mentorship and leadership training.

MISK Distinct College Prep Program • Alumni & Ambassador

Jan 2020 – Jul 2022

- Guided 100+ applicants through workshops and mentorship sessions.

NEOM Oxagon Hackathon • Project Lead

Oct 2022

- Placed at top 10 teams with ML software for power optimization in solar-driven desalination plants
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### TRAINING & CERTIFICATIONS

Advanced AI Training Program • KAUST

Dec 2023

- Completed practical training in machine learning, deep learning, and computer vision.

Exploratory Data Analysis for ML • IBM

Nov 2024

- Applied feature engineering, data handling, and hypothesis testing.

Mustashar Accelerator

Sep 2024

- Foundational bussiness consulting skills, training on systematic decision making & communication

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## HONORS & AWARDS

- **Gold Medal** • International Technology, Invention & Innovation Exhibition (ITEX)
  - **Special Achievement Awards** • American Psychological Association (APA), National Cybersecurity Authority (NCA), Indonesian Innovation Promotion Association (INNOPA)
  - **3<sup>rd</sup> Place Winner** • International AI Startup Competition for Umrah (Monshaat x SDAIA)
  - **2<sup>nd</sup> Place Winner** • 6th Student Scientific Forum at University of Jeddah
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