

RON BEN YEHUDA | Software Engineer

benyehudaron@gmail.com | 053-7005474 | 4 Tel Hai St., Kiryat Ono, Israel, [LinkedIn](#). [GitHub](#)

PROFESSIONAL SUMMARY

Computer Engineer and AWS Certified AI Practitioner with hands-on experience building AI-powered applications and integrating LLMs into real-world solutions. Currently working on a personal project, developing a pipeline for summarizing complex financial documents using prompt engineering, few-shot techniques, and generative models such as Claude, Gemini, and Jamba. Strong communicator and analytical thinker with a passion for NLP, GenAI, and user-focused design. Fast learner with proven adaptability across software, hardware, and cloud environments.

TECHNICAL SKILLS

- Programming: 4 years in total in a variety of languages: Python (2 year), Java (2 years), C++ (1 year), C# (2 years), C (1 year), Assembly (6 months), MATLAB (2 years)
- Technologies & Tools: AWS, WPF, GPS Mapping, UART
- Areas of Expertise: Hardware Design, Digital Circuits, TCP/IP & UDP Networks, OOP, Software Engineering
- AWS certifications: Certified Solutions Architect – Associate, AWS Certified AI Practitioner Early Adopter
- Core Competencies: Fast learner, team player, highly motivated, analytical thinking, Technological adaptability, Open to Criticism. Computer Science, data analysis, AI.

PROFESSIONAL EXPERIENCE

AI-Powered Financial Document Summarizer

Built a pipeline using AWS SageMaker and Bedrock to summarize structured financial reports, including PDFs and XBRL files, with Hebrew language support.

- Integrated S3 for document storage and metadata tagging
- Automated preprocessing (OCR, HTML parsing, token chunking) and output formatting
- Used Claude and Gemini APIs for template-based structured summarization

PERSONAL PROJECTS

Software Engineer - Biotech Project

- Created an application user interface and vitals calculation for an in-development blood oxygen reading device for the faculty of engineering.
- Designed and implemented a WPF-based application, enabling seamless PC-device communication via UART, improving data transfer efficiency by 100%. Developed and integrated software gateway and user interface, enhancing biotech device interoperability and reducing processing time by 80%.

EDUCATION

Bar Ilan University (2020-2024) B.Sc. Computer Engineering.

- Specializations: Networks and Computation, Computer Science
- Key Courses: AI & artificial intelligence, Neural Networks, Networks, OOP, Software Engineering, Digital Communications.

Ben Zvi High School Mofet (2015-2018)

- Advanced Studies (5 units): Computer Science, Physics, Mathematics, English
- Psychometric Scores: 709 General, 728 Mathematical
- **Ness Technologies CTM (2013-2015)** Technological Leadership and Management Program, Created technical documentation for innovative solutions

ADDITIONAL INFORMATION

- **Military Service:** Combat Medic - Caracal Battalion (2018-2020)
- **Languages:** English and Hebrew (Native Level) - International British School education