KARMEN KARDUM

Software Engineer

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PROFESSIONAL SUMMARY:

Results-driven Software Engineer with over 14 years of experience in software product and project management, UX/UI design, technical writing, and blockchain analytics. Skilled in managing research and development from planning, design and prototype to customer release stages. Proficient in modern tools like Jira, Figma, Python, and AWS, with expertise in blockchain, Web3, and data analytics. Seeking a challenging role to leverage skills and deliver impactful results.

SKILLS:

- Product & Project Management: Agile methodologies, Google Analytics, Jira, Teamwork, Basecamp, BambooHR, Microsoft Project
- UX/UI Prototype & Design: Balsamiq, Figma, Photoshop, Illustrator, Canva
- Technical Writing: API documentation, UI frameworks, integrations, deployment workflows (developer and/or customer audience) - Swagger, Dr Explain, GitBook, Docusaurus, Confluence
- Development & DevOps: SQL, Python, Docker, AWS, GCP
- Data Analytics: Python, SQL, Grafana, Google Analytics, Jupyter, MATLAB, Machine Learning - TensorFlow, PyTorch
- Blockchain & Web3: DeFi, tokenomics, algorithmic trading, Hummingbot
- Languages: English (Fluent)

WORK EXPERIENCE:

Planet IRM | July 2015 – June 2023

Software Product Manager / Technical Writer / UX Designer

- Designed UX/UI prototypes, ensuring correctness and ease of implementation by collaborating with development teams.
- Wrote, maintained and improved version-controlled documentation encompassing user facing (product user guides) and internal, developer oriented materials (software specifications, product release notes).
- Conducted usability and acceptance testing, ensuring product meets stakeholders expectations, reducing post-launch issues by 15%.
- Performed product and tech research in various stages of project to ensure full user requirement support and compliance with latest standards and practices in infrastructure management industry

Predictor | On demand 2016-2020, Jul 2023 - Present

Software/Blockchain Consultant

- Developed Python-based data pipelines using TensorFlow, PyTorch, AWS, and Docker for blockchain analytics and trading bots.
- Conducted on-chain data analysis (TVL, liquidity, order flow) using SQL and RPC nodes, enhancing trading strategy performance.
- Executed algorithmic trading (market making, arbitrage, hedging) via Hummingbot and proprietary platforms, increasing client returns by 10%.
- Researched macroeconomics, tokenomics, and technical feasibility for early-stage crypto projects, supporting 5+ successful launches.
- Remotely managed BTC and altcoin mining operations, optimizing algorithm selection and power management.

i3Annotate | Mar 2017 - Dec 2018

Software Project Manager

- Led Agile development of a multi-platform touchscreen application for business and education from prototype to completion, delivering on time and within budget.
- Managed cross-functional teams, defined milestones, and tracked project budgets, forecasts, and invoicing documents, reducing delivery timelines by 10%.
- Established testing workflows and validation processes, ensuring design and specification compliance of implemented features, seamless feature integrations and 95% defect-free releases.
- Collaborated with clients and engineering leads to resolve issues and align deliverables with expectations.

Neos| Jul 2013 - Jul 2015

Software developer

- Developed and maintained market data and software infrastructure for algorithmic trading, improving system reliability by 25%.
- Implemented algorithmic trading strategies and portfolio optimization using quantitative techniques, enhancing performance metrics.
- Built reporting pipelines for simulation and live trading performance analysis, built Java / Matlab integration pipeline for advanced statistical analysis.
- Managed fully automated algorithmic trading account by monitoring through data dashboards, managing live trading monitoring team, and performed daily financial data processing

Neos| Jul 2011 - Jul 2013

Junior Software developer & tester, Neos

- Contributed to SCADA system for public lighting by creating technical and user documentation, implemented front-end controls, and conducting quality testing.
- Supported development of ERP solution for yacht rental service and maintenance company by defining user requirements from project stakeholders, built UI designs, defined high level software architecture and project specification, defined project milestones under incremental build model.
- Supported financial market research and automated trading system development by integrating Mql5 and .NET inter-process communication for application communication and data sharing

EDUCATION:

2009 – 2011 | University of Split, FESB
Master of Computer Science – Software Engineering

PORTFOLIO:

- https://karmen87.github.io/