Alexander Groman

Software Developer

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PROFESSIONAL EXPERIENCE

DataCenter Technician II - Akkodis with Google (03/2023 - Present)

Serviced Google as part of Global Server Operations in maintenance and upkeep of hundreds of millions of dollars worth of Google proprietary technology.

- Implemented diagnostic solutions and hands-on support using Linux systems across three NOVA sites while coordinating with Google Maintenance, Networking, and Upgrades teams to create solutions.
- Safeguarded sensitive company media and eliminated media driven process violations at target site.

Software Developer - BeachRunners (01/2022 - 01/2023)

Spearheaded the creation and upkeep of the front-end app utilizing React, driving 100% creation of a customer base with an increase in active users and an overall 40% reduction in user-reported issues for BeachRunners.

- Engineered and launched a scalable application system for user data storage and request handling on a demo scale; decreased data retrieval time by 10% and increased data handling efficiency by 5%.
- Leveraged insights from management and analysts to create technical solutions; executed high-level UI designs that improved demo group user score by 20% and reduced customer support inquiries.

Software Developer Intern - FINRA (04/2021 - 09/2021)

Created and optimized application monitoring dashboards, providing real-time insights and reducing priority incident response time by 10%, enhancing operational efficiency for FINRA's technology team.

- Produced Python application that links with Azure AD, S3, and Azure Graph API to route standardized alerts to development groups through MS Teams, saving hours of manual alert prioritization.
- Developed ReactJS web app to analyze and visualize alert trends for alert and ticketing applications, saving an hour daily in identifying actionable issues.
- Elevated production efficiency by implementing AGILE methodologies and conducting bi-weekly code reviews; integrated feedback to create a detailed final presentation, highlighting significant project advancements and performance metrics with communication throughout.

EDUCATION

B.S in Computer Science Summa Cum Laude - University of Maryland: GC (2020-2024) 4.0 GPA

SKILLS

- Python
- Java
- ReactJS
- Active communication
- Testing
- gLinux
- Application Software
- SQL
- Web Development

Personal Projects

AI ChatBot - BitCamp Hackathon - 2021

Led a small team to engineer a sophisticated AI chatbot for casual conversations using PyTorch and Hugging Face libraries.