SUNEHILDEEP SINGH

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SUMMARY

Proven software engineer with 2+ years of professional expertise and 6+ years of coding experience, seeking challenging roles in AI/machine learning and advanced software engineering. Adept at designing and implementing high-performance web and software applications, machine learning models, and innovative solutions.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, Java, C#, SQL, PHP, Kotlin, Go
Frameworks & Libraries: TensorFlow, PyTorch, scikit-learn, React, Next.js, Node.js, Flask
Cloud & DevOps: AWS, Azure, GCP, Docker, CI/CD
Data Analysis Tools: Pandas, NumPy, Matplotlib, Spark
Productivity Tools: Git, Selenium, Jira, Trello

EXPERIENCE

Software Engineer — Jan. 2023 – Present
Sun Glow Window Coverings Ltd. — *Toronto, ON*

- Engineered a Multinomial NB model for orders, reducing processing time by 20%, saving 50 work hours monthly.
- Developed and launched Dealer Portal using Next.js, enhancing user engagement by 30%.
- Designed and implemented Builder Portal for condominium construction contracts, resulting in a 10% revenue increase.
- Redesigned the Off Cut Shades website, integrating SEO strategies that led to a 40% rise in organic search traffic.
- Managed a team of 2 developers in Web & Python projects, improving productivity by 25%, showcasing leadership.

Software Developer — Apr. 2020 – May 2021
Dreamz Academy — *Remote*

- Developed a C# IELTS training software, supporting remote learning for 100+ students during the COVID-19 pandemic.
- Engineered modules for Listening, Reading, and Writing, with automated evaluation and audio-to-text transcription.

EDUCATION

Advanced Diploma in Software Engineering Technology - Artificial Intelligence — 2021 - 2024
Centennial College (GPA: 4.3/4.5) — *Toronto, ON*

PROJECTS

Encoder-Decoder Transformer Chatbot Model | *TensorFlow* — GitHub

- Built a transformer neural network model from scratch achieving 85% accuracy on Reddit chat data
- Based on Google's Research Paper "Attention Is All You Need"

RNN Text Generator Model | *TensorFlow* — GitHub

- Engineered an LSTM-based RNN to generate coherent and grammatically accurate text
- Demonstrated capabilities similar to GPT models in natural language generation.

Custom Fan Helios | *C#* — GitHub

- Developed a widely adopted software to control fan speeds on Acer Helios laptops
- Maintained a user base of over 500 with regular updates and support.

KEY ACHIEVEMENTS

Arctic Code Vault Contributor:

- Earned the prestigious Arctic Code Vault Contributor Badge in 2020, recognizing contributions to open source projects.

Google Foobar Invitation:

- Invitation to Google's secretive Foobar hiring process in 2018, highlighting problem solving skills and coding expertise.