

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

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|---|---|
| Software Engineer
<i>Sun Glow Window Coverings Ltd.</i> | Jan. 2023 – Present
<i>Toronto, ON</i> |
| <ul style="list-style-type: none">Engineered a Multinomial NB model for orders, reducing processing time by 20%, saving 50 work hours monthly.Developed and launched <u>Dealer Portal</u> using Next.js, enhancing user engagement by 30%.Designed and implemented <u>Builder Portal</u> for condominium construction contracts, resulting in a 10% revenue increase.Redesigned the <u>Off Cut Shades</u> 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
<i>Dreamz Academy</i> | Apr. 2020 – May 2021
<i>Remote</i> |
| <ul style="list-style-type: none">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

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|--|-----------------------------------|
| Advanced Diploma in Software Engineering Technology - Artificial Intelligence
<i>Centennial College (GPA: 4.3/4.5)</i> | 2021 – 2024
<i>Toronto, ON</i> |
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PROJECTS

- | | |
|---|--------|
| Encoder-Decoder Transformer Chatbot Model <i>TensorFlow</i> | GitHub |
| <ul style="list-style-type: none">Built a transformer neural network model from scratch achieving 85% accuracy on Reddit chat dataBased on Google's Research Paper "Attention Is All You Need" | |
| RNN Text Generator Model <i>TensorFlow</i> | GitHub |
| <ul style="list-style-type: none">Engineered an LSTM-based RNN to generate coherent and grammatically accurate textDemonstrated capabilities similar to GPT models in natural language generation. | |
| Custom Fan Helios <i>C#</i> | GitHub |
| <ul style="list-style-type: none">Developed a widely adopted software to control fan speeds on Acer Helios laptopsMaintained 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.