

Anmol Sharma

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SUMMARY

Experienced Full-Stack Engineer with hands-on expertise in cloud technologies, AI model training, and web application development. Proficient in the MERN stack (MongoDB, Express.js, React.js, Node.js), cloud platforms (Azure, AWS), and Python development. With a strong foundation in cloud data management and a proven track record of delivering scalable, secure, and user-centric applications, I have successfully integrated full-stack development with cloud infrastructure to optimize performance and efficiency. Seeking to leverage my diverse technical background to contribute to dynamic, impactful projects in full-stack engineering and cloud computing.

TECHNICAL SKILLS

Cloud Platforms: Microsoft Azure, AWS, Microsoft 365 (Exchange Online, SharePoint Online, Power Automate, Power BI)

Programming Languages: Python, Java, SQL

Web & Full-Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js)

Databases: Database Design, Normalization, Data Modeling

Tools & Technologies: Git, SharePoint, Power BI, Excel, PowerShell, Microsoft Planner

Concepts: Data Pipelines, ETL, Cloud Fundamentals, Agile Methodology, Cloud Governance & Compliance

EXPERIENCE

AI Model Trainer

Outlier (Remote)

Mar 2024 – Present

Remote

- Train, test, and fine-tune state-of-the-art language models to improve natural language understanding and response generation.
- Evaluate AI outputs using quantitative metrics and qualitative analysis to measure accuracy, relevance, and coherence.
- Analyze model behavior, detect biases, and provide actionable feedback to enhance model robustness and usability.
- Collaborate with AI research and engineering teams to optimize algorithms, implement performance improvements, and refine model parameters.
- Document evaluation results, trends, and insights, contributing to the knowledge base for continuous improvement in NLP systems.
- Participate in designing annotation guidelines and test datasets to maintain high-quality training standards and consistency across projects.

Full Stack Engineer (Internship)

Solitaire Infosys Inc

Nov 2022 – Jul 2023

Mohali, India

- Designed and implemented enterprise-level web applications using the MERN stack, improving system performance, scalability, and user experience.
- Built RESTful APIs, designed database schemas, managed MongoDB databases, and implemented secure and responsive front-end components using React.js.
- Performed data modeling, query optimization, and implemented authentication and authorization mechanisms to ensure data integrity and security.
- Collaborated with cross-functional teams using Agile methodology, tracked tasks in Jira, conducted code reviews, and maintained version control using Git.
- Analyzed system performance metrics, identified bottlenecks, and implemented solutions to reduce latency and improve reliability.
- Documented technical specifications, API endpoints, and deployment procedures to ensure maintainability and knowledge sharing across the team.

Python Developer (Internship)

O7 Services IT Company

Aug 2018 – Mar 2019

Jalandhar, India

- Developed robust backend applications and REST APIs in Python to automate business workflows and enhance data processing efficiency.
- Integrated third-party services and optimized database operations, reducing query execution time by up to 20%.

Performed data analysis and developed reporting scripts to generate actionable insights for management and stakeholders.
Implemented error handling, logging, and unit tests to improve application reliability and maintainability.
Participated in Agile sprints, conducted peer code reviews, and contributed to team knowledge sharing to improve software quality and development speed.

Upholsterer (Full-Time)

Allseating

March 2026 – Present
Mississauga, ON, Canada

Measure, cut, and apply fabric, vinyl, and padding to office seating components according to specifications.
Use hand and power tools such as staple guns and cutting tools to secure materials with precision.
Ensure proper alignment, tension, and finish of upholstery to meet quality standards.
Inspect completed pieces for defects and consistency before final production stage.
Maintain tools, materials, and workspace in accordance with safety and production guidelines.

Retail store Operations (Part Time)

Dollarama

Oct 2025-Present
Mississauga, ON, Canada

Managed inventory, organized logistics operations, and optimized workflow planning to ensure operational efficiency and timely order fulfillment.
Operated backhouse equipment safely, assisted in tasks, and maintained a clean, organized work environment.
Analyzed stock data, identified trends, and recommended inventory adjustments, reducing discrepancies and improving replenishment accuracy.
Developed strong teamwork, problem-solving, and time management skills in a high-volume, fast-paced environment.
Collaborated with management to implement process improvements that enhanced overall operational productivity and minimized downtime.

PROJECTS

Capstone Project: Microsoft 365 Cloud Migration

Conestoga College

2025
Kitchener, Canada

Designed and executed Microsoft 365 cloud adoption strategy, enhancing collaboration, automation, and security.
Migrated organizational data and workflows to Microsoft 365, including Exchange Online mail migration.
Developed SharePoint Online sites for HR, IT, and Finance with custom columns, JSON formatting, and branding.
Applied compliance controls using Microsoft Purview and configured role-based access with Microsoft Entra ID.
Automated workflows with Power Automate and created Power BI dashboards for real-time reporting.
Automated administrative tasks with PowerShell, boosting efficiency by 30%.
Used Microsoft Planner for project tracking and explored cloud governance and multi-cloud architecture.

Database Design & Normalization Project

Solitaire Infosys

2023
Mohali, India

Developed a structured database system using normalization techniques to improve data integrity and reduce redundancy.
Created detailed Entity-Relationship (ER) diagrams representing complex relationships between datasets.
Implemented SQL queries for CRUD operations, joins, and aggregation to simulate real-world database operations.
Prepared project documentation demonstrating database design rationale, constraints, and normalization benefits.

Web/Data Application Project

O7 Services

2020
Jalandhar, India

Built a full-stack web/data application integrating a backend database system with a responsive frontend.
Applied software engineering principles and Agile methodology for iterative development and continuous improvement.
Implemented user authentication, data validation, and basic reporting features to simulate enterprise application workflows.
Demonstrated deployment and testing techniques for reliable end-to-end application delivery.

EDUCATION

Conestoga College Institute of Technology and Advanced Learning.

Postgraduate Certificate in Cloud Data Management, Cloud Engineering

Ontario, Canada

Jan 2024 – Jul 2025

Completed a two-year postgraduate program providing in-depth knowledge and hands-on experience in cloud infrastructure, data storage solutions, virtualization, cybersecurity, and cloud-based data governance.

Gained proficiency in Microsoft Azure, AWS, SQL, SharePoint, Power BI, and Python for cloud and data engineering tasks.

Developed strong skills in designing, managing, and securing data pipelines, cloud environments, and enterprise applications.

Worked on academic projects including cloud-based workflows, database normalization, and Microsoft 365 cloud migration to enhance technical expertise.

DAV Institute of Engineering and Technology

Bachelor's Degree in Information Technology

Punjab, India

Jun 2020 – Apr 2023

Completed a comprehensive IT program with strong theoretical and practical knowledge in data structures, computer networks, operating systems, DBMS, software engineering, web technologies, cybersecurity, and big data.

Developed hands-on experience in Python, Java, SQL, and web technologies through collaborative academic projects.

Engaged in real-world problem-solving and technical assignments to strengthen programming, analytical, and project management skills.

Mehar Chand Polytechnic College / Punjab State Board of Technical Education and Industrial Trade

Diploma in Computer Engineering

Punjab, India

Jul 2017 – Jul 2020

Completed a three-year diploma program in Computer Engineering, covering fundamental and applied knowledge in computer systems, networking, programming, and software development.

Gained practical skills in ASP.NET, database management, hardware troubleshooting, and computer engineering fundamentals.

Engaged in technical projects and labs to enhance problem-solving and software development capabilities.

CERTIFICATIONS

AWS Essential Training for Developers (LinkedIn Learning, 2023) – Instructor: Jeremy Villeneuve

Shadow IT: Protecting Your Organization with Microsoft 365 (LinkedIn Learning, 2019) – Instructor: Pete Zerger

Cybersecurity Awareness: Malware Explained (LinkedIn Learning, 2017) – Instructor: Serge Borso

Learning Bash Scripting (LinkedIn Learning, 2022) – Instructor: Scott Simpson

Cert Prep: Scrum Master (LinkedIn Learning, 2018)

Claude Code in Action (Anthropic, 2026)

AI/ML, Multicloud & Generative AI Course (K21 Acedemy, 2026)

ACHIEVEMENTS

AI-based Voice Assistant Scopus Research Paper

RACCAI Conference 2026

Publication

Developed a voice assistant, a voice-based AI program that recognizes and responds to verbal commands, enhancing human-computer interaction.

Explored integration with popular platforms such as Google Assistant and Amazon Alexa for entertainment, IoT device control, and accessibility.

Focused on designing user-friendly and accessible AI solutions for individuals with physical disabilities and everyday users.

A Secure Authentication Method Using a Dynamic Hybrid of Fibonacci and Lucas Sequences

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Patent

Invented a smart password hashing system that evolves with every login, using Fibonacci and Lucas sequences combined with unique salts.

Enhanced security against brute-force and replay attacks while securely logging all authentication changes.

Provided a flexible, reliable, and mathematically robust method to protect user accounts in modern digital systems.

INTERESTS / LEARNING

Exploring AI and Generative AI technologies, including language models and deep learning frameworks.

Studying cloud data engineering practices, cloud-native architecture, and multi-cloud deployment strategies.

Enhancing skills in Python, data pipelines, ETL processes, and AI/ML model development.