

Darshan Jayeshbhai Shah

+1 857-423-5761 | darshanshah1927@gmail.com | [linkedin.com/in/darshan-shah15/](https://www.linkedin.com/in/darshan-shah15/) | github.com/Darshan1510

EDUCATION

Northeastern University | CGPA: 3.9/4.0

Boston, MA

Master of Science, Computer Science

Sep 2023 – Dec 2025

Key Coursework: Program Design Paradigm, Algorithms, iOS Development, Web Development

Gujarat Technological University | CGPA: 8.78/10

Gujarat, India

Bachelor of Technology, Computer Engineering

Aug 2015 – May 2019

Key Coursework: Web Design, Cryptography, Analysis of Algorithms, Big Data, Computer Network

TECHNICAL KNOWLEDGE

Languages: Java, C#, Python, Typescript, JavaScript, JQuery, HTML5/CSS3, SQL, NoSQL, Shell, Bash, PHP

Frameworks: Spring Boot, Django, Node.js, gRPC, Flask, JUnit, Hibernate, .Net, Express

Databases: NoSQL (MongoDB, DynamoDB), SQL (MySQL, PostgreSQL, MsSQL), GraphQL, Neo4j, Redis

Tools: Git, Docker, Claude Code, Jenkins, Copilot, Kafka, Elasticsearch, K8s, RabbitMQ, Cursor, Linux, Postman

Cloud: AWS (S3, EC2, ECS, RDS, Lambda, Cognito, SNS, SQS), GCP (GCS, Cloud Run, GCE), Azure (B2C tenant)

AI/ML: OpenAI, Google Gemini, CNNs, Airflow, Mlflow, Google Colab, Pinecone, RAG Pipelines, Prompt Engineering

Frontend: React, Vue, Angular, Next, Svelte, Material UI, Tailwind, Blazor, MudBlazor, Recharts

Concepts: Data Structures & Algorithms, REST, Back-end/Front-end Development, SDLC, Agile/Scrum, CI/CD

EXPERIENCE

Assitant Software Engineer Co-op | Liberating Technologies Inc. | Holliston, MA

Jan 2025 – Aug 2025

- Implemented CSV export for 20+ reports to facilitate data ingestion into python scripts for analysis.
- Built production-grade frontend modules and reusable component library with TDD + UX best practices, improving customer satisfaction metrics by 50%.
- Containerized with Docker and Kubernetes, achieving 60% faster deployment and fewer environment-specific issues.
- Architected a notification system for 10k+ users, overseeing 50+ notification types across various channels.

Senior Software Engineer | NetU.ai | Gujarat, India

Dec 2020 - Aug 2023

- Spearheaded the migration of core microservices using Java (11 & 17) and Spring Boot from Monolith integrating with Kafka and Redis to reduce data processing latency by 40%.
- Led the development of pivotal product features, including networking groups, targeted ads, marketing tools, events and user timeline features, leading to a 30% surge in user engagement and daily platform activity.
- Designed REST APIs for mobile platforms using Java, and, Spring handling 50k+ daily API requests.
- Amplified search performance by 30% with Elasticsearch, improving data access and rising user activity.

Software Developer | Sculptsoft | Gujarat, India

May 2019 – Dec 2020

- Collaborated with 2 cross-functional Scrum teams to successfully implement 3 major projects, fostering Agile practices, promoting a culture of continuous learning in the Software Development Life Cycle.
- Designed RESTful APIs using Python, Fast API and Flask, handling 10k+ daily API requests.
- Architected a robust notification system for 10,000+ users, overseeing 50+ notification types across various channels.

PROJECTS

Pdf Chat | Javascript, Vue.js, API, Git, Hugging face, PostgreSQL, Pgvector, ChatGPT

- Built a PDF-chat feature for semantic search and LLM integration, enhancing document interaction and retrieval.
- Integrated Huggingface SDK for the better performance which increased the accuracy by 15%

ClimaSmart | GCP, Github actions, Airflow, MLFlow, GCS, Pandas, Numpy, Scikit-learn, Python

- Led a team of 5 to engineer 'Clima-Smart,' an end-to-end MLOps pipeline on GCP for climate prediction (e.g., temperature), automating data ingestion (OpenMeteoAPI), model training, and deployment to GCE.