Narayan Sharma

708-402-0797 | sharma.na@northeastern.edu | linkedin.com/in/ns324/ | github.com/narayansharma-21

EDUCATION

Northeastern University — Boston, MA
*Bachelor of Science in Data Science (**GPA: 3.8**)* — *Aug. 2021 – May 2025*

Relevant Coursework *Object-Oriented Design, Algorithms & Data Structures, Fundamentals of Computer Science 2, Discrete Structures, Foundations of Data Science, Database Design, Large Scale Information Retrieval, Information Data Visualization, Linear Algebra, Probability & Statistics*

TECHNICAL SKILLS

Languages: Java, Python, GoLang, Racket, GraphQL, JavaScript, TypeScript, Smithy
Databases: MySQL, Redis, MongoDB, Neo4j, AWS DynamoDB, Athena, Redshift, S3
Frameworks/Libraries: Flask, JUnit, Gin, gqlgen, REST, Java Spring Boot, React, Angular, Electron, Redux, Coral
Developer Tools: Git, Docker, Jupyter, MySQL Workbench, VS Code, PyCharm, IntelliJ, Eclipse, Tableau, Bones

EXPERIENCE

Software Development Engineer Co-op — August 2023 – December 2023
Amazon Robotics — *Boston, MA*
- Migrated existing services responsible for identifying drive unit issues in Amazon Robotic fulfillment centers to AWS services, through the use of AWS Lambda and DynamoDB
- Employed Smithy, Java, and Typescript, to define endpoints, ensuring precision and efficiency in collecting and managing problem reports from multiple client sources

Software Engineer Intern — June 2023 – August 2023
MyDataProduct — *Remote*
- Responsible for testing and optimizing mobile platform applications and maintaining development operations through automated shell scripts in the pipeline, while collaborating with cross-functional teams throughout the development Agile lifecycle
- Developed data product web applications utilizing Flask and other Python-centric frameworks/packages, leading to a 20% improvement in application response time and a 15% increase in user engagement

Full Stack Software Engineer — January 2023 – May 2023
Generate (ReMo) — *Boston, MA*
- Full Stack Software Engineer for ReMo, a data-management startup that empowers students and teachers to set goals towards reading independence
- Creating a cross-platform mobile app (iOS, Android) to extend the company's existing web infrastructure while working within an Agile environment
- Leveraging GoLang and GraphQL to re-architect ReMo's backend in order to create resolvers that are implemented as endpoints through the use of the Gin Server

Director Of Digital Innovation — September 2023 – Present
Student Government Association (SGA) — *Boston, MA*
- Spearheading the development of a diverse portfolio of custom-coded tools and websites, leveraging expertise in Python, SQL, TypeScript, and JavaScript to drive digital innovation within SGA.
- Driving the creation of cutting-edge, automated solutions that optimize operational processes and streamline efficiency, employing advanced OOD principles and architectural patterns
- Providing visionary leadership to a team of talented developers, guiding and inspiring them to achieve outstanding outcomes and maximize their potential

PROJECTS

World Cup Application | *Python, MySQL, Flask, HTML, CSS, JavaScript, Docker, Git* — Oct. 2022 – Dec. 2022
- Built a World Cup app with 9 routes and SQL database with 100+ data points that allow users to add players and purchase sticker albums via AppSmith
- Implemented Docker and Docker Compose for security and scalability, and ngrok for connectivity using CSS, HTML, and JavaScript
- Created RESTful API architecture with Flask for user interface and foreign keys for data integrity in the database