

Angad Singh Matharoo

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Available for Co-op / Internship May 2024

EDUCATION

Northeastern University, Arlington, VA

Sept. 2023 - Present

Khoury College of Computer Science

Expected Graduation: May 2025

Candidate for Master's of Computer Science

GPA: 4.0/4.0

Related Courses: Programming Design Paradigm, Algorithms, Database Management, Data Mining

Chitkara University, Chandigarh, India

June 2021

Bachelor's of Engineering in Computer Science

GPA: 8.90/10.0

Related Courses: Object Oriented Programming, Database Management

TECHNICAL KNOWLEDGE

Languages: Java, Python, Flask, NodeJs, JavaScript, GoLang, C/C++.

Databases: SQL, MySQL, MongoDB, Redis, AWS DynamoDB.

Other Technical Skills: Amazon Web Services(Lambda, EKS, ECS), Linux, Docker.

WORK EXPERIENCE

Northeastern University, Arlington, Virginia

February 2024 – April 2024

Khoury Student Ambassador

- Planning the execution of monthly social events and hosting bi-weekly open coffee chats which hosted nearly 15 students.
- Seeking out networking events in the DMV and help students connect with professionals in the field.
- Welcoming newly admitted students into the campus by attending webinars and 1 on 1 meetings with students.

Growth Natives, Punjab, India

July 2023 – August 2023

Senior Software Engineer

- Led the development of project documentation, database design, and server architecture for **two years**.
- Initiated SQL Triggers to enhance data processing for Braze Marketing dashboard removing the requirement of complex SQL queries for tasks that run **every hour**.
- Handled meetings with clients to understand their issues and requirements for the projects.

Software Engineer, Punjab, India

July 2021 – June 2023

- Conducted R&D for new features, client requirements, and rebuilt existing system code for efficiency.
- Mentored **3 employees**, maintained REST APIs, Microservice Architecture, and Server Side logic.
- Engineered and enhanced Route Optimization Logic, and developed socket implementation for resource location tracking service.

PROJECTS

Workverse, Social Media Platform for Professionals

- Generated a social network for professionals so that they can connect with other professionals and companies.
- Managed a team of **8 junior developers** and provided guidance to make sure code quality and standards are maintained.
- Researched **24 hours** about creating a Resume Parsing application using Natural Language Processing(NLP) and then shared my findings with the Data Science team.

NetworkON, White Glove Delivery Management Software

- Reduced runtime of Recurring tasks by **30 percent**.
- Rescued **85,000 pounds**, provided **68,000 pounds** and saved the environment of **210,000 pounds** of CO₂ emissions with business EatHappy™.
- Generated CI/CD pipelines using docker for containerization and used Amazon EKS for deployment.

ACHIEVEMENTS

- Honored with the title of "Star Native"(Employee of the Month) twice at Growth Natives.
- Active participation in community building and youth education through Sikh community centers in Washington DC.