# Prajwal Gangadhar Melinamane

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Available : January–August 2025

## EDUCATION

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| **Northeastern University**, Portland, ME | Jan 2024 – Present |
| **Khoury College of Computer Sciences** | Expected graduation : May2026 |
| Candidate for a Master of Science in Computer Science | GPA : 4.0/4.0 |

Related courses: Programming Design Paradigm, Algorithms

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| **Visvesvaraya Technological University**, Mysuru, Karnataka, India | Aug 2020 |
| Bachelor of Engineering in Electronics and Telecommunication, | GPA : 8.0/10.0 |

Related courses: Operating systems, Object Oriented Programming, CyberSecurity

## TECHNICAL KNOWLEDGE

**Languages**: Java, C, Python (Beginner), Java script(beginner), Typescript(beginner)

**Databases**: MySQL, AWS RDS

**Technologies**: Angular JS, React JS, Spring Boot

**Certifications**: **AWS** Certified Cloud Practitioner, Certificate of Excellence for Data Structures in Python | Coding Ninjas, Certificate of Excellence for Introduction to Python | Coding Ninjas, Certificate of Completion for Database Management system |Coding Ninjas, **Infosys** Certified Spring Boot Developer

## WORK EXPERIENCE

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| **Infosys**, Bengaluru, India | Jan 2021–Dec 2023 |

Cloud Engineer/Solution owner

- Migrated **5 applications** from a private data center to Amazon Web Services (AWS) cloud
- Collaborated with stakeholders to define migration goals, developed a comprehensive migration strategy, and created a roadmap for the project's migration.
- Conducted a detailed assessment of existing infrastructure, applications, and data to identify dependencies, compatibility issues, and migration challenges and analyzed the cost and feasibility of the migration.
- Collaborated with the automation team in configuring and provisioning the AWS environment, including networking, virtual private clouds (VPCs), security groups, and identity & access management (IAM) policies.
- Oversaw the overall application migration's progress, coordinating with cross-functional teams, managing timelines, and ensuring delivery of the project within budget and timeline constraints

## PROJECTS

**Ridesharing Optimization,** Java Based Optimization Application

- Developed a **Java**-based optimization application to dynamically match passengers with drivers, optimize ride-sharing routes using **Dijkstra'sAlgorithm,**and ensure modularity and reusability with **JavaFX** for front-end and back-end development.

**TweetClone,** Java based spring boot and react JS application

- Developed a Twitter-like application using **React JS** for the front-end and **Spring Boot** for the back-end, with MySQL as the database. Implemented features such as user authentication, tweet creation, Follow and unfollow users, Theme changing feature and timeline management. Utilized **RESTful** APIs for communication between the front-end and back-end services.

## INTERESTS/ACTIVITIES

- Ranked **2nd** in The Roux Institute Hackathon.
- Received the **Credo Award** from client organization in January 2023, for dedication, commitment, and hard work in serving client needs.
- Cycling, Water color painting, playing cricket and badminton