





Kaushik Malikireddy

 [Kaushik Malikireddy](#) |  [Kaushik_Github](#) |  +1 857-398-8834 |  malikireddy.k@northeastern.edu | Boston, MA 02119

Education

Northeastern University, Boston, MA

Master of Science, Software Engineering Systems

Coursework : Object Oriented Design with Java, Web Design and UX Engineering

Sep. 2023 - Expected May. 2025

GPA: 3.85/4

PES Institute of Technology, Bangalore, India

Bachelor of Engineering, Computer Science Engineering

Coursework : Data Structures, Web Development, SQL, Software Engineering

Aug. 2016 - Aug. 2020

Technical Skills

Computer Languages	Angular, Java, Typescript, HTML, CSS, Linux, ReactJS, Javascript,, NodeJS, Python, C
Databases	MySQL, SQL Server, MongoDB
Software Tools	Azure DevOps, Git, Sonarqube, Figma, REST API, Postman
Misc. Skills	Azure cloud, Data Structures, Android Dev, Agile

Work Experience

ABB Global Industries & Pvt Limited

Bangalore, India

Associate Software Engineer • [System Twin Integrity Hub](#)

Jan. 2021 - Aug. 2023

- Managed the full SaaS software development lifecycle: requirement analysis, design, development, testing, deployment, and maintenance, ensuring best practices and timelines.
- Worked with **production development and Azure deployment** for 6+ versions of the company's flagship product, Genix System Twin Integrity Hub. (Link provided)
- Created a Web/Mobile platform linking 35+ IT systems, 15+ management domains, showcasing 100+ key performance indicators for data-driven decisions, driving targeted enhancements.
- Engineered an automated web platform using **Angular** empowering business users to slash data collection and consolidation time from 10,000+ assets, collected from **distributed industrial sensor systems**, by a minimum of 50%.
- Fortified Azure CI/CD** with thorough third-party scans, automating them and enhancing security by identifying and mitigating vulnerabilities/bugs to achieve a 25% decrease in security risks.

Projects

Northeastern University

Boston, MA

ResQReach • Community Centric Project • React, Typescript, NodeJS, MongoDB • [Link](#)

Sep 2023 - Present.

- Spearheaded a community-centric web application facilitating seamless reporting of crimes, emergencies, and natural disasters and announcing the sharing of surplus food to support the underserved community.
- Utilized feature based APIs like nodemailer API, stripe API, redux and tailwindcss to architect the innovative application, positively impacting over 20 individuals.

CMS • Cafe Management • Object Oriented Programming in Java • [Link](#)

- Built on Java, Swing, JavaFX, MySQL, Object Oriented programming and Design Patterns.
- The Cafe Management System is a Java-based application designed to streamline and automate the operations of a cafe.

Achievements

Best Social Service Club Award, 2020 • Founder & Charter President • Rotaract club of Palmville, Rotary District 3190

- Led 20 members in 100+ community centric projects, earning 7+ district awards for impactful projects

Top 5 Ingenius Hack, 2019 • **Data Transfer using Sound** • PESIT Tech Hackathon

- Achieved reliable 10 messages/minute data transfer via high-pitched sound encoding with 98% decoding accuracy

Runner Up at ABB HackSummit • **Emergency Detection using Computer Vision** • ABB Hackathon Driving Discovery

- Created an advanced emergency alert system using Computer Vision, achieving a 95% accuracy in detecting human falls