

Esha Chiplunkar

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Available for Co-ops/Internships starting Fall 2024

EDUCATION

Northeastern University, Khoury College of Computer Sciences | Boston, MA. Expected May 2025
Master of Science in Computer Science GPA: 4.0/4.0
• **Coursework** - Web Development, Programming Design Paradigms, Database Management Systems, Algorithms

MKSSS's Cummins College of Engineering for Women | Pune, India. 2017-2021
Bachelor of Technology in Computer Engineering GPA: 8.55/10
• **Coursework** - Data Structures and Algorithms, Artificial Intelligence and Machine Learning, Software Engineering, Java Full Stack Technologies, Operating Systems

TECHNICAL AND SOFT SKILLS

Programming languages - Java, Python, C++, Node.js
Frameworks - React.js, Angular, Spring Boot, JUnit 4
Web Development - HTML, CSS, Bootstrap, JavaScript
Databases - MySQL, Oracle SQL, MongoDB, Microsoft SQL Server
Tools and Technologies - SonarQube, Anaconda, Jupyter Notebook, Tableau, Git, Jenkins, Jira, Bitbucket, Postman, Visual Studio
Soft skills - Leadership, Problem solving, Communication Skills, Time Management

PROFESSIONAL EXPERIENCE

Khoury College of Computer Sciences | Student Innovation Developer | Boston, MA Jan 2024 - Present
• Technical writer for the Khoury Odyssey Learning Management System that acts as a guide for all students of Northeastern University.

Citi India | Software Developer | Pune, India July 2021 - July 2023
• Engineered and implemented a market surveillance case manager using React, Java, Spring boot and SQL.
• Spearheaded a project to build an analytics based model to predict stock performances from earning call transcripts using Machine Learning and Natural Language Processing.
• Facilitated in implementing a micro-services-based architecture, resulting in a 23% improvement in code efficiency and a 30% boost in system performance.
• Successfully leveraged Agile methodology and collaborated with cross-functional teams (database, frontend and business) and reduced project development time by 15%.
• Led the engagement pillar of the first ever Citi Junior Analyst Council, resulting in a 35% increase in participation and knowledge-sharing among colleagues sharing a business unit.

Citi India | Summer Intern | Pune, India June 2020 - July 2020
• Designed and developed a web application for portfolio management and risk calculation using historical simulation method used for making effective stock predictions.
• Leveraged a tech stack that included React, TypeScript, HTML, MySQL, Java, Spring boot, and ELK.

PROJECTS

Kanbas - Clone of the popular LMS Canvas | MongoDB, Express.js, React, Node.js Jan 2024 - April 2024
• Built a clone of the popular Learning Management System, Canvas by using the MERN stack.

Online Job Search Application Portal | MySQL, Node.js, React Sept 2023 - Dec 2023
• Built an interactive Online Job Portal that offers, both the candidate and company, different functionalities to stay on top of the job listings.

AI based Chatbot and Email Automation | Python, NumPy, NLTK, Tkinter Aug 2020 - Apr 2021
• Spearheaded a project to build a chatbot and automate email conversations, resulting in enhanced customer service.