

# Rushikesh Mokashi

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Available: May 2022 – Dec 2022

## EDUCATION

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<b>Northeastern University</b> , Boston, MA	Sept 2021 – Present
Khoury College of Computer Sciences	Expected graduation: May 2023
Candidate for a Master of Science in Computer Science	GPA: 3.67/4.0
Related courses: Programming Design Paradigm, Computer Systems	

<b>University of Mumbai</b> , Mumbai, India	June 2016 – May 2020
Bachelor of Engineering in Computer Engineering	GPA: 8.41/10.0
Related courses: Object Oriented Programming, Data Structures, Databases, Software Engineering	

## TECHNICAL KNOWLEDGE

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<b>Languages:</b>	Java, C, C++, Python
<b>Databases:</b>	MySQL
<b>Web technologies:</b>	Django, ExpressJS, d3.js, CSS, HTML, JavaScript

## WORK EXPERIENCE

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<b>Secare Pro Solutions</b> , Mumbai, India	Feb 2021 – Apr 2021
Software Consultant	

- Constructed backend for an electronic health record developed using Django and DjangoRestFramework.
- Engineered standalone API endpoints to communicate between ReactJS frontend and a PostgreSQL database.
- Deployed on AWS using WSGI, Nginx, Supervisor to an EC2 instance and S3 buckets.

<b>Nishkaiv Technologies</b> , Mumbai, India	July 2020 – Sept 2020
Software Development Intern	

- Built an application leveraging the Account Aggregator framework using Python, translating bank account statements into insights for decision making.
- Analyzed bank account statements to predict spending patterns using NLP models on transaction data.
- Suggested investment recommendations and financial goal feasibility by comparing user data with web scraped data using BeautifulSoup in a team of 5.

<b>Cateina Technologies</b> , Mumbai, India	June 2019 – July 2019
Software Development Intern	

- Designed a graphical structure to display API Endpoints, request and response parameters saving 100% costing for neo4j visualizer.
- Implemented multiple features such as search, single aspect mode and highlighting in a team of 2.

## PROJECTS

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<b>Encrypted Unix-Based File System</b> , Northeastern University	Nov 2021 – Dec 2021
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- Constructed an encrypted Unix-Based File System using C with help of Inode data structure and FUSE library.
- Implemented all conventional operations for a Linux based file system with 128 MB memory and 4 MB files.

<b>REST API Visualizer</b> , API Response Visualizer	June 2019 – July 2019
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- Created an API visualizer utilizing d3.js to better understand API responses with a maximum of 500 parameters.
- Implemented token authentication and search highlight functionality through CSS.

## INTERESTS/ACTIVITIES

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- Completed various workshops and activities as a member of the Computer Society of India.
  - Volunteered with EWT and CACR both NGOs in Mumbai during undergrad for a year.