Rushikesh Mokashi

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Available: May 2022 – Dec 2022

EDUCATION

Northeastern University, 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

University of Mumbai, 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

Languages: Java, C, C++, Python
Databases: MySQL`
Web technologies: Django, ExpressJS, d3.js, CSS, HTML, JavaScript

WORK EXPERIENCE

Secare Pro Solutions, 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 communicated between ReactJS frontend and a PostgreSQL database.
- Deployed on AWS using WSGI, Nginx, Supervisor to an EC2 instance and S3 buckets.

Nishkaiv Technologies, 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 Beautiful Soup in a team of 5.

Cateina Technologies, 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

Encrypted Unix-Based File System, Northeastern University   Nov 2021 – Dec 2021

- 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.

REST API Visualizer, API Response Visualizer   June 2019 – July 2019

- 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

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