

ANIKHET MULKY

+1(510)-3047432 | am9559@g.rit.edu | [LinkedIn](#)

EDUCATION

Rochester Institute of Technology

Master's in Computer Science GPA : 3.7/4.0

Relevant Coursework : Algorithms(Python), Java (OOP), Big Data (SQL, NoSQL, Pyspark) , Artificial Intelligence, Machine Learning, Computer Vision, Web Development.

Rochester, NY

Expected Dec 2024

SIES Graduate School of Technology

Bachelor of Engineering, Electronics & Telecommunication GPA : 7.78/10

Mumbai, India

August 2022

EXPERIENCE

BHABHA ATOMIC RESEARCH CENTRE

Software Engineering Intern

Mumbai

June 2020 - July 2020

- Created a software module in C for Hot Cathode Ionization Vacuum Gauge
- Collaborated with the team of Bhabha Atomic center to develop an in-house program in C language and productively modified software language into assembly language
- Employed embedded system using microcontroller 89C51, overhauled validity of the system's input data using comparators and relays, achieving 70-80% accuracy

SIES GRADUATE SCHOOL OF TECHNOLOGY

Software Engineering Intern

Navi Mumbai

December 2019 - January 2020

- Engineered a responsive web application in HTML, CSS, SASS and PHP for one of the leading colleges in Navi Mumbai
- Entrusted a team to enforce PHP framework by integrating the CakePHP framework for the game "GAME OF THRONES", merging PHPUnit libraries to improve performance through optimization
- Revamped and improved the web application by including Javascript to optimize the dynamic elements and responsiveness

TECHNICAL SKILLS

Programming: Python, Java, C, C++, R

Web Technologies: HTML5, CSS3, Bootstrap, JavaScript, Ajax, PHP, Node.js, ExpressJS, ReactJS, AngularJS, Django, Flask

Database Technologies: MySQL, MongoDB, PostgreSQL, 'Qtcerq'F c'vdcug.'O letquh'US N'Ugtxgt

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PROJECTS

Database Management for Hotel/Restaurants Registration using React JS, Node JS, Express, MongoDB, JWT

- Devised a hotel management system website from scratch coded in JavaScript, CSS, React and React Native
- Oversaw a team to evaluate multiple frameworks, enhancing the project's overall efficacy
- Incorporated PHP and MySQL for user connectivity, successfully collecting data for over 10,000 users
- Revamped and developed graphics in Web application by enforcing modern UI and UX thereby revised web application to optimize dynamic elements and responsiveness by 10-20%
- Initiated development of currently deployed web application; reconstituted the same web plugin from onset employing React JS, Node JS, Express, MongoDB, JWT, as well as cookies, thereby incorporating MERN Stack

Real Time Chat- App using React, Node Js, Socket Io, Mongo Db and Express

- Successfully implemented validation for over 10,000+ registered users, enhanced security with a 99.5% accuracy rate in password and confirm password matching
- Integrated Multi-Avatar API, offering over 1,000+ unique avatar choices, with 95% of users opting for custom avatars
- Designed an UI showcasing a contact list with 500+ contacts, a chat header, and chat containers
- Implemented real-time messaging capabilities with Socket.io supporting up to 5,000 simultaneous users ensuring instantaneous message exchanges with a response time under 50ms
- Achieved a 98% reduction in response latency compared to previous API-call-based versions by emphasizing web socket technology for real-time interactions

Theater Movie Management System Development using React JS, Redux, Bootstrap, HTML/CSS and MongoDB with Mongoose

- Launched a MERN application, offered an interface to search and filter movies by categories and ratings
- Facilitated over 100 daily registrations and logins through endpoints like POST signUp and signIn
- Amplified user onboarding with a 95% positive feedback rate by dispatching welcome emails upon registration via Nodemailer
- Managed updates and queries for a repository of over 2,000 movies, with features such as GET
- Served details for 50+ genres via the GET genres endpoint

EXTRACURRICULAR

- Received a merit scholarship of 30% at RIT for Master of Science Program
- Stood top 5 in college for IEEE Extreme Competitive Coding Competition
- Served as an Organizer for Inter-College Programming events (Tatva Moksha Lakshya)