

Nikita Maruti Chorghe

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EDUCATION

Master of Science, Computer Science - The University of Texas at Dallas, TX <i>Design and Analysis of Algorithm, MERN Stack, Database Design</i>	Dec 2023 GPA: 3.6/4
Bachelor of Engineering, Computer Engineering – Mumbai University, India <i>Data Structure and Algorithm, Software Engineering, Database Management System</i>	May 2021 GPA: 9.06/10

SKILLS

Languages: Python, C#, Java, JavaScript, C++, C, R, HTML, CSS
Frameworks/Concepts: MVC, REST APIs, Node.js, Express.js, .Net, Vue.js, React.js, Angular, Agile, Scrum, Kanban
Database/Big Data: MySQL, MongoDB, Oracle, Apache Kafka, Hadoop, Apache Spark, Elastic search, Kibana
Dev Tools: Git, Postman, Fiddler, Visual Studio, VS Code, IntelliJ, Android Studio, Docker, Kubernetes, JIRA, AWS

EXPERIENCE

Midland Scientific Inc	Nebraska, USA
Application Developer Intern <i>PHP, MySQL, C#, .NET, JavaScript, Ajax, HTML, CSS</i>	Oct 2022 – May 2023
<ul style="list-style-type: none">Achieved 3,100+ annual hours of savings by automating multiple processes and driving cost reductions.Collaborated cross functionally in an agile environment, gathering, and analyzing requirements.Delivered 25+ features for a company-wide app with CI/CD, enhancing functionality and user experience.Integrated the system with ERP software, increasing data exchange efficiency by 30%.Designed and implemented efficient ERP augmentations to enable custom business logic, optimizing operations.	
Design Factory	Maharashtra, India
Software Developer Intern <i>React, Node.js, Jest, MongoDB</i>	Dec 2020 – Jun 2021
<ul style="list-style-type: none">Accomplished a 50% improvement in app performance by integrating styled components, and React hooks, and minimizing the use of Redux.Implemented 75+ automated test cases, resulting in a 17% reduction in high-impact errors within 2 months.	
SDG-RAIT	Maharashtra, India
Software Developer Intern <i>PHP, HTML, CSS, Bootstrap</i>	May 2020 – Jul 2020
<ul style="list-style-type: none">Managed a team of 5 to develop a certificate generation system that generates over 500 certificates within 60 sec.Achieved a staggering 10,000-fold increase in efficiency by transitioning from manual workflows.	

PROJECTS

Care Pair <i>MongoDB, HTML, CSS, JavaScript, Node.js, Express.js</i> Link	Apr 2023 – May 2023
<ul style="list-style-type: none">Developed full-stack website with React.js frontend and Node.js backend, implementing a matching system to pair patients with suitable nurses.Utilized collaborative filtering techniques to identify the optimal match between patients and nurses.	
Upskill <i>MongoDB, HTML, CSS, JavaScript, Node.js, Express.js</i> Link	Feb 2022 – Mar 2022
<ul style="list-style-type: none">Deployed a cross-browser compatible website that allows users to log in, sign up, and search for tutors based on their name and subject of expertise. Developed 20+ responsive and functional UI components.Employed RESTful API that includes all CRUD operations for manipulating tutors and appointments and improved the browser rendering performance. Used MongoDB to design and execute scalable data storage.	
Etsy Database Design <i>SQL</i> Link	Mar 2022 – Apr 2022
<ul style="list-style-type: none">Designed a database system using ER model to show the functional dependencies and relational schema.Created efficient MYSQL database queries, nested queries, stored procedures, and triggers, improving performance and availability.	

PUBLICATIONS

Identity Theft Prediction Using Game Theory
<ul style="list-style-type: none">Presented “Identity Theft Prediction Using Game Theory” paper at ICACC-2020.Published “Identity Theft Prediction Using Game Theory” at ITM Web of Conferences, Jul 2020