

Namitha Jajur Chandrashekhar

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An adept Full Stack Engineer advancing organizational growth through innovative and collaborative efforts, with a deep understanding of software development and a strong capacity for problem-solving, emphasizing the integration of computer vision technology.

EDUCATION

Master of Science in Information Systems, *Northeastern University, Boston, MA* Sep 2022 – Dec 2024
Relevant Coursework: Web design and development, UI/UX, Database Management systems, Java, Data Engineering.

Bachelors in computer science and Computer engineering, *VTU, Bengaluru, India* Aug 2016 – Sep 2020
Relevant Coursework: Data structures and Algorithms, Machine Learning and Artificial Intelligence, Unix/Linux Operating System, Software Engineering

SKILLS

Front End: Typescript, React, AngularJS, CSS, VueJS, Bootstrap, HTML, Git

Back End: NodeJS, Python, Java, Django, Spring framework, javascript

Database: MySQL, MongoDB, PostgreSQL, NoSql

Design: Figma, Adobe XD, User Experience

WORK EXPERIENCE

The Burnes Center, Northeastern University | Boston, MA Aug 2022 – Present
Web Developer Intern – Part time (On-Campus)

- Developed responsive websites with JavaScript, Vue, HTML, CSS, ensuring cross-browser compatibility and optimizing performance for major browsers, aligning with Figma designs.
- Enhanced website functionality with dynamic elements and streamlined development workflows using Docker, deployed on Netlify while collaborating for user feedback.

Infosys Limited | Bengaluru, KA Mar 2021 – Jun 2022
Software developer -Full time contracted with Pfizer Technologies

- Create a responsive compliance website by leveraging Angular, jQuery, and Ajax, leading to a notable 20% increase in user engagement.
- Streamlined complex data sets through meticulous database administration, resulting in accurate and timely delivery of financial documents; optimized SQL queries to enhance efficiency, saving 15+ work hours per week
- Developed a comprehensive understanding of Microservices Architecture through hands-on collaboration with Express and Spring backend Services; optimized database queries and reduced API response time by 40%
- Spearheaded the adoption of Scrum methodologies and agile concepts, leading a cross-functional team in iterative development cycles, which led to increased project delivery efficiency by 30% and reduced time-to-market by 20%
- Proficiently authored Docker files, Yaml configurations, and ingress settings integral to establishing a high-efficiency Continuous Integration/Continuous Deployment (CI/CD) pipeline encompassing Jenkins and Kubernetes, within an AWS environment, resulting in a 30% reduction in deployment time for various services

PROJECTS

Web Applications:

NEU Deals, NEU - React, NodeJs, Mongo dB Mar 2023 – Apr 2023

- A C2C platform allowing students to sell and purchase used products with image data easily
- Managed product data using RESTful programming, with an Express JS backend service that processes data in both JSON and XML formats.
- The application's front-end, constructed with ReactJS and utilizing Redux stores, is structured around an MVC architecture.
- Implemented file management on cloud storage, as opposed to using a database, to preserve image quality and improve space efficiency.
- Incorporated a Stripe payment gateway to facilitate seamless transactions.

Personal Healthcare Management, NEU – Java, SpringBoot

- The Application allows the users to register and login. The users can upload their reports, and make notes of their medicine intakes according to their prescription.
- Developed the application using Spring Boot, Java, Spring Framework, MySQL, Bootstrap.

Design Application:

Moments and Memories, NEU – figma, user requirements, user interface

- A significant challenge often encountered during special occasions is deciding on the perfect gift. This app resolves such dilemmas by addressing common questions like what to purchase, when to purchase, and where to find it. It aims to facilitate the joy of surprising your loved ones with gifts they will cherish.
- Link to prototype - https://www.figma.com/proto/MmM8Jqrb282gkthM4Z9PmJ/NamithaJC_Spring2023?type=design&node-id=566-1120&t=uyM4h4np7a28bKJD-0&scaling=scale-down&page-id=278%3A3&starting-point-node-id=566%3A1120&show-proto-sidebar=1