

# Dhru Chapadia

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## PROFESSIONAL SUMMARY

Code enthusiast adept at crafting user-centric web experiences and contributing to broader organizational success through diverse software development skills. Eager for the next challenge in software innovation

## SKILLS

**Languages:** Java, JavaScript, Python, C/C++

**Web Development:** React, Express.js, Angular, Bootstrap, Material-UI, Redux, HTML5, Axios, jQuery

**Database:** NumPy, Pandas, MongoDB, SQL

**Tools:** Git, Docker, Jenkins, Elasticsearch, Postman, GraphQL, VS Code, PyCharm, Jira, GCP, Slack

## PROFESSIONAL EXPERIENCE

**Volynt Inc - Python Developer - Marina del Rey, California**

**Dec 2023 – Present**

- Developed and implemented Python scripts for a MongoDB database management system, focusing on user authentication and data security features
- Implemented encryption and access control measures to safeguard sensitive data, enhancing overall system security
- Conducted thorough testing to validate the functionality and security of the developed scripts, ensuring robustness and reliability
- Created comprehensive documentation detailing the system architecture, functionality, and usage instructions, facilitating easy understanding and future maintenance

**Crown Software - Web Developer - Anand, Gujarat**

**Dec 2021 - Aug 2022**

- Engineered the MD Hostel system, catering to 1,000+ students, integrating PHP, React, and AJAX, realizing a remarkable 95% user adoption with an intuitive UI
- Mitigated potential issues by implementing complex algorithms in real-time check-in/check-out tracking, processing 5,000+ entries, and establishing a secure leave approval system for 500+ requests
- Contributed to a 15% reduction in post-release issues through rigorous testing and debugging complex algorithms in full-stack projects using React and PHP
- Streamlined onboarding and knowledge sharing within a dynamic software development team by creating and maintaining comprehensive technical documentation, enhancing overall team infrastructure

## EDUCATION

**Stevens Institute of Technology - Hoboken, NJ**

**GPA: 3.53/4**

**Master of Science in Computer Science**

**Sep 2022 - Dec 2023**

Relevant Coursework: Web Programming, DevOps Principles and Practices, Enterprise & Cloud Computing, Object-Oriented Analysis, Database Management Systems, Distributed Systems and Cloud Computing

**Charotar University - Nadiad, Gujarat, India**

**GPA: 8.87/10**

**Bachelor of Technology in Computer Engineering**

**Jun 2018 - May 2022**

Relevant Coursework: Cloud Computing, Programming in Python, Mobile Application Development, Software Engineering, Design & Analysis of Algorithms, Data Structures & Algorithms, Web Technologies

## PROJECT EXPERIENCE

**Workmate**

**Jan 2023 - May 2023**

- Improved project efficiency by 20%, leading a team in developing Workmate, leveraging Docker for containerization to streamline development processes
- Utilized complex algorithms with Next.js to design reusable UI components, reducing development time by 15%, and employed AWS for hosting, ensuring global usability
- Seized the opportunity to enhance user data privacy and trust by implementing Firebase for secure authentication, and Redis for data caching, reducing API requests by 25%
- Successfully optimized image uploads, decreasing file size by 40%, and enriching overall user experience using ImageMagik

**DoctoLib**

**Sep 2022 - Dec 2022**

- Spearheaded a cross-functional team of 5 to create the Doctor-Patient Management System using Node.js, React, and MongoDB, facilitating real-time communication, health blogging, and appointment management
- Demonstrated proficiency in complex algorithms with Node.js, React, and MongoDB during testing, yielding a 15% improvement in system performance
- Augmented user experience through UI/UX enhancements, resulting in a noteworthy 25% increase in user satisfaction ratings