

**PROFESSIONAL SUMMARY**

Experienced software developer adept at designing, building, and collaborating within dynamic teams to drive success in diverse projects. Proficient in web development, specializing in user-centered design and execution. competent with a wide range of programming languages and frameworks, such as Python, Java, JavaScript, React, and Express.js

**SKILLS**

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

**Frontend Development:** React, Angular, Bootstrap, Material-UI, HTML5, jQuery

**Backend & Tools:** Express.js, Redux, Axios, MySQL, Redis, ElasticSearch, MongoDB, Postgres, Git, Docker, Jenkins, Postman, GraphQL

**Development Environments:** VScode, PyCharm, Jira, GCP, Kubernetes, AWS, Azure, Slack

**PROFESSIONAL EXPERIENCE****Volynt Inc - Python Developer - Marina del Rey, California****Jan 2024 - 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 with AWS
- 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****Aug 2021 - Aug 2022**

- Engineered the MD Hostel system, catering to 1,000+ students, integrating PHP, React, Javascript 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 with AWS

**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](#) | Node.js, React, AWS, Redis, MongoDB****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](#) | Node.js, React, AWS, Redis, MongoDB****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

**[Stock Market Analysis](#) | Python, Jupyter****Jan 2021 - Apr 2021**

- Led a team in utilizing Jupyter Python for conducting an extensive analysis of the stock market, quantifying risk-adjusted returns through the application of SRM (Sharpe Ratio, Risk-Free Rate, and Market Return) values, thereby providing investors with actionable insights
- Analysed data from over 500 stocks, yielding insights on risk-adjusted returns and portfolio optimization
- Reduced portfolio volatility by 15% through advanced risk management strategies, enhancing overall investment stability