

JOEL JOHN

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EDUCATION

Master of Science in Computer Science

University of North Texas, Denton, Texas, USA

Aug 2024 – Jun 2026

Bachelor of Technology in Electronics and Communication Engineering

Reva University, Bangalore, India

Jul 2018 – Nov 2022

GPA: 3.79

TECHNICAL SKILLS

Programming Languages: JavaScript, Python

Frameworks and runtime environments: ReactJS, Node.js, Express.js

Databases: MongoDB, MySQL

IDE and Others: Visual Studio, JIRA, ServiceNow, Datadog, Splunk

Markup languages & stylesheets: HTML, CSS

Version Control: Git, GitHub

Cloud: Amazon Web Services (AWS)

PROFESSIONAL EXPERIENCE

Analyst II Software Engineer, Hyderabad, INDIA

Jan 2023 – July 2024

- Delivered comprehensive client support while collaborating with development teams to enhance web applications. Improved application performance through optimization techniques and automated repetitive tasks to streamline workflows.
- Regularly configured and deployed new releases for multiple applications using Bamboo, integrating the latest updates systematically into production. This process ensured a consistent release cycle, crucial for maintaining up-to-date software environments.
- Designed and implemented Datadog monitoring solutions with custom monitors for various applications. Configured Slack integration for real-time notifications, improving response times to performance and operational issues.
- Enhanced web application performance by collaborating with the team, achieving a 15% improvement in page load times and a 20% reduction in server response times. These optimizations significantly improved user experience and operational efficiency.

ACADEMIC AND PERSONAL PROJECTS

eazyShop eCommerce – MERN stack application

March 2024 – May 2024

- Developed and maintained a sophisticated web application utilizing modern technologies such as React for creating dynamic user interfaces, Node.js for server-side logic, and MongoDB for scalable data storage and management.
- Implemented user authentication and secure management of login information using JWT (JSON Web Token), enhancing security and session handling.
- Utilized RTK Query to efficiently fetch and cache data from the backend, optimizing performance and reducing load times.
- Employed Redux Toolkit to manage and persist the application's user and product state across various components and views, ensuring a consistent and responsive user experience.

SMO T2 Alert Tracker

Oct 2023 – March 2024

- Designed and deployed new user interface features on web applications, enhancing overall usability for clients while reducing the average time to complete tasks by 10 minutes per user session.
- Developed and maintained automated deployment processes that reduced deployment time by 40% and minimized production issues by 25%.
- Researched and evaluated new technologies and tools, resulting in the adoption of a new front-end framework that improved user experience and increased customer satisfaction by 15%.

CERTIFICATES

- [MERN from Scratch 2023 | eCommerce platform](#) Apr 2024
- [AWS Certified Cloud Practitioner | Foundational](#) Jan 2024
- [JavaScript Essential Training | LinkedIn Learning](#) Jan 2023
- [Python Functions, Files, and Dictionaries | University of Michigan | Coursera](#) Nov 2020

CONFERENCE PAPER

Wi-Fi Controlled Smart Home Automation

July 2022

- IEEE International Conference on Data Science and Information System (ICDSIS), DOI: 10.1109/ICDSIS55133.2022.9915976, Hassan, India.