

# Deep Manek

Software Engineer | 201-241-5648 | deep@mywebemails.com | LinkedIn | GitHub / Portfolio

## SUMMARY

Professional Software Developer with 4+ years of hands-on experience in JavaScript, Node.js, Express.js, RESTful API development, and AWS cloud services. Proficient in React for building responsive interfaces. Skilled in agile methodologies, delivering scalable solutions that optimize performance. Committed to staying updated with emerging technologies and contributing to innovative projects in collaborative environments.

## TECHNICAL SKILLS

**Languages:** JavaScript (ES6), Typescript, Python, Java, C++, C#

**Web Technologies:** React.js, Angular.js, Node.js, Express.js, HTML5, CSS3, Redux, NgRx, RxJS

**Frameworks:** Spring Boot, Bootstrap, Material UI, Next.js

**Databases:** MongoDB, MySQL, PostgreSQL, Oracle, Firebase, Cassandra, Redis

**Testing:** Jest, Mocha, Enzyme, Chai, Jasmine

**Tools & Technologies:** Git, Docker, AWS (EC2, S3, Lambda), AWS Elastic Beanstalk, Jira, Microsoft Azure, Maven, Gradle, Jest, Selenium, Swagger, Postman, JUnit, Mockito, JMeter, IntelliJ IDE, VS Code Agile, Scrum

## PROFESSIONAL EXPERIENCE

### Software Engineer, WayFair

May 2023 – Present | Remote, USA

- Developed a Logistics Planning solution for a critical tier-1 service on AWS, aimed at revolutionizing logistics planning and navigation efficiency worldwide.
- Led service infrastructure in a novel area within the CI/CD pipeline, effectively driving needs for raised package delivery abilities this required S3 for object storage, CloudWatch for monitoring, and IAM for access regime.
- Leveraged MongoDB for robust data storage, utilizing its flexible data model and aggregation framework to handle high volumes of logistics data, ensure reliability, and provide efficient data management.
- Utilized Express.js to build the server-side API, leveraging its middleware capabilities, error-handling mechanisms, and optimized interactions to create a cohesive and well-structured application.
- Employed React.js to develop the user interface, using its component-based architecture, virtual DOM, and state management features to ensure a smooth, responsive, and integrated user experience.
- Used Node.js as the runtime environment, operating its asynchronous programming model, vast ecosystem, and optimized performance to create a cohesive and efficient system.

### Software Engineer, Genpact

Jan 2020 – Nov 2021 | Mumbai, India

- Developed a scalable healthcare management system using Node.js and React.js, handling over 100,000 patient records and easing efficient patient regimes and healthcare provider alliances via cutting-edge technologies.
- Enforced authentication and authorization mechanisms using JSON Web Tokens and OAuth2, driving millions of requests daily and securing access to liable healthcare data while meeting regulatory compliance norms.
- Designed and optimized MongoDB databases capable of storing up to 10 terabytes of data, enhancing system performance, scalability, and data integrity, and ensuring the healthcare system maintains 99.99% uptime and scalability across diverse user bases by leveraging AWS services such as EC2, RDS, and S3 for cloud deployment.
- Collaborated closely with a multidisciplinary team of 15+ members, utilizing Git for version control and JIRA for project management, ensuring smooth workflow, effective communication, and timely delivery of features.
- Implemented Docker for containerization, enabling deployment, scalability, and resource efficiency of the healthcare management system across various environments, including development, testing, and production.

### Software Engineer, LTIMindtree

May 2018 – Dec 2019 | Mumbai, India

- Enhanced user accessibility for the Ministry of India's NIIP page by developing a full stack application, resulting in a 20% increase in user engagement and 30% faster page load times.
- Facilitated an in-depth platform comparison for Johnson Controls International by constructing two full-stack chatbots, leading to a 25% surge in query processing accuracy and a 30% rise in user adoption rate.
- Improved chatbot efficiency by designing a MERN stack dashboard, achieving a 40% reduction in response time and a 50% increase in customer satisfaction.
- Safeguarded web architecture by adhering to best security practices, leading to a 60% reduction in vulnerability incidents and bolstering data protection across platforms.
- Cooperated with cross-functional teams to analyze requirements, create technical specifications, and implement innovative software resolutions that meet business objectives.

## EDUCATION

### Stevens Institute of Technology

Master of Science in Computer Science

Hoboken, USA

Jan 2021 – Dec 2023

### University of Mumbai

Bachelor of Technology in Information Technology

Mumbai, India

Aug 2015 – May 2019