Nitin Duseja, M.Tech, B.Tech
Senior Software Engineer
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I'm a Full Stack Developer with 7+ years of experience building fast, scalable web apps using Laravel, Node.js, React, and modern JavaScript. I've delivered solutions in fintech, e-commerce, and healthcare, including an app handling 20M+ SMS daily. I'm known for solving tough problems, boosting performance, and creating products that matter.

Skills: HTML5, Pug, EJS, Blade, CSS3, Bootstrap, Tailwind CSS, JavaScript, TypeScript, jQuery, React.js, Vue.js, Angular 2+, Next.js, Nuxt.js, Ionic Framework, Quasar Framework, Electron.js, PHP, Laravel Framework, Lumen Framework, Express.js, Adonis.js, Nest.js, MySQL, MongoDB, PostgreSQL, Git, SVN, Bitbucket, Jira, AWS, AZURE.
Beginner: Python, Unity 3D, Flutter, Java.

PROFESSIONAL EXPERIENCE (2017-PRESENT)

Paytm, Noida, India

Senior Software Engineer   **June 2021 – Present**
- **Enhanced backend performance** of the scheduler module by 50%, optimizing Laravel infrastructure to handle high-volume transactions and large-scale systems with minimal latency.
- **Architected and developed high-performing e-commerce platforms** using Node.js, Nuxt.js, and Lumen, ensuring 99.99% uptime and seamless user experience for millions of active users.
- **Led the integration of Hyperledger Blockchain**, enabling secure and transparent financial operations across global platforms, driving compliance and trust.
- **Delivered backend solutions** for major clients such as SpiceJet and Bangladesh's largest digital bank, processing over 20 million SMS/day while optimizing system reliability and maintaining uptime across distributed systems.
- **Mentored a team of 4 junior developers**, providing guidance on best coding practices, fostering a culture of collaboration, and driving a 25% improvement in team productivity through code reviews and pair programming.

Mindrops Solutions Pvt Ltd, Delhi, India

Software Engineer   **Oct 2019 – June 2021**

- **Developed and deployed scalable web applications** for Hindustan Times using Vue.js and Laravel, driving a 35% increase in platform traffic and engagement on htcodeathon.com and hindustanolympiad.in.
- **Enhanced performance tracking systems** for Iffco Kisan, boosting tracking accuracy by 89%, resulting in improved decision-making and heightened user satisfaction.
- **Led design and development of a comprehensive healthcare platform** supporting cancer patients, improving accessibility and user experience while receiving positive feedback from both users and stakeholders.
- **Spearheaded the development of an e-learning portal** that resulted in a 35% increase in user engagement, retention, and overall platform activity.

emediscene, Delhi, India

Web Developer   **Dec 2018 – Aug 2019**

- **Spearheaded the development** of a sophisticated **web application** for **GE Healthcare** using **Laravel**, significantly enhancing platform performance, scalability, and overall user experience, driving improved internal efficiencies.
- **Engineered a high-impact mobile application** using **Ionic and Laravel**, allowing **GE Healthcare users** to provide **real-time event feedback**, offering actionable insights that directly enhanced client satisfaction and engagement.
- **Designed and delivered cutting-edge, interactive iPad presentations** for **VEEVA**, leveraging **HTML5, CSS3, and JavaScript** to create a highly dynamic and visually compelling experience for medical professionals, resulting in stronger client relationships.
- **Drove a 30% increase in client engagement** across multiple clinics, directly contributing to improved retention, stronger client relationships, and measurable growth in business outcomes

Codeodesk Technologies Pvt Ltd, Delhi, India

Web Developer   Apr 2018 – Dec 2018

- **Optimized e-commerce applications** using Ionic, improving app performance by 40% and providing a smoother user experience.
- **Applied critical security updates** to ensure robust data protection, mitigating potential security vulnerabilities in client applications.

The Energy and Resources Institute (TERI), Delhi, India

Intern   Sep 2017 – Apr 2018

- **Developed a Quiz app for WSDS** using Laravel and Bootstrap, which helped increase user participation by 25%.
- **Streamlined user profile management**, reducing profile update times by 50%, leading to improved user satisfaction.

EDUCATION

Master of Technology – Software Systems   Pursuing
Birla Institute of Technology and Science, India

Studying advanced topics in **Software Engineering**, **Reliability Engineering**, **Statistical Quality Control**, **Quantitative Methods**, **Total Quality Management (TQM)**, and **Concurrent Engineering**. I am currently working on a research project aimed at **enhancing the performance and reliability of software systems** through the application of **Statistical Quality Control (SQC)** and other engineering methodologies to ensure high-quality standards and optimal system efficiency.

Bachelor of Technology - Computer Engineering   Sept 2013 – May 2017
Shri Balwant Institute of Technology, Sonipat, India

ACCOLADES (2017-PRESENT)

- **Awarded Star Performer** at Paytm in recognition of exceptional performance and contributions, 2022.
- **Awarded for Excellence Award** at Mindrops for outstanding achievements and consistent high-quality work, 2021
- **Awarded for Spot Award** at Mindrops for demonstrating exceptional initiative and excellence in performance, 2020

TOOLS

Docker, Kubernetes, Jenkins, GitLab CI, Xcode, Android Studio, Visual Studio Code, IntelliJ IDEA, Postman, Figma, Webpack, Babel, Gulp, Nginx, Apache, Redis, Elasticsearch, Firebase, Cloudinary, Sentry, Prometheus, Grafana, JIRA, Trello, Asana.

ACADEMIC PROJECTS (2013-2017)

- Developed a **Notepad (Java-Based Application)** to store user's information for easy access anytime: June 2015
- Created a **University Management System** using **PHP, HTML, CSS** to manage student details such as scores, personal information, and curriculum, along with faculty information: June 2016
- Developed a **Blood Bank Management System** using **PHP, HTML, CSS**, which allows users to request blood, store blood from donors, and provides locations for blood donation camps. It also includes a registration form for users' personal and medical information: September 2017

WORKSHOPS/INTERNSHIPS (2013-2017)

- **Training on JAVA** provided by **NICE Institute**, which covered the core concepts of Java programming including object-oriented programming, data structures, and algorithms: May 2015 – June 2015
- **Training on PHP** from **DICS Institute**, focusing on web development technologies, including server-side scripting, database management, and web application development using PHP: May 2016 – June 2016