

# Deepak Kumar

Sr. Software Engineer | JavaScript | Full Stack | Node js | React js | MySql | NoSql

Portfolio: <https://officialdeepak.in/>

Linkedin: <https://www.linkedin.com/in/dpk1391981/>

Email: [dpk1391981@gmail.com](mailto:dpk1391981@gmail.com)

Mobile: +91-8285257636

## EDUCATION

### JAIN University (UGC)

MCA (AI/ML) (Pursuing)

Delhi, India

June 23- June 2025

### Delhi University (UGC)

Bachelor in Commerce,

Delhi, India

June 2013- June 2017

### Ambedkar Institute of Technology (BTE)

Diploma/ Junior Engineering, Compute Science / IT

Delhi, India

June 2013- August 2016

## SKILLS SUMMARY

- **Languages:** Javascript, Node JS, React JS, Angular JS, PHP
- **Frameworks:** Express JS, NEXT JS, Nest JS, Cake PHP, YIIFramework
- **UI Frameworks:** Bootstrap, Tailwind CSS, Material UI
- **Devops:** AWS services, EC2, Amplify, Cognito, Vercel
- **Database:** MySQL, NoSQL, MongoDB/DynamoDB
- **Version Control:** Git, Github, BitBucket, GitLab
- **Tools & Platform:** AWS, JIRA, Postman, Docker, Linux, Window
- **Soft Skills:** Team Management ,Debugging code, Deployment Services, Code Review, Client Interaction

## CERTIFICATES

### AWS Certification SSA (Udemy)

- Mastered fundamental AWS Services, EC2, Amplify, DynamoDB , etc.

Oct 2023

### MERN Stack (Udemy)

- MongoDB, Express JS, React JS , Node JS.
- Some handy projects

Nov 2023

### MongoDB , Complete Guide (Udemy)

March 2024

## WORK EXPERIENCE

### India Today Group | Sr Software Engineer | May 2025 - Current

- **Full-Stack Project Leadership:** Leading the development of large-scale digital media platforms (*AajTak, IndiaToday*), delivering performant and scalable solutions for millions of daily users.
- **Frontend Development (React/Next.js):** Built reusable, responsive, and accessible UI components in **React**, using **Next.js** for SSR/ISR to ensure SEO optimization and fast page loads during high-traffic news events.
- **Backend Architecture (Node.js/NestJS):** Architected and developed scalable backend microservices using **NestJS**, with clean modular structure, robust error handling, and clear separation of concerns.
- **REST & GraphQL API Engineering:** Designed and optimized both **RESTful and GraphQL APIs**, ensuring high performance, low latency, and secure client-server communication across distributed systems.
- **Database Design & Optimization:** Managed complex data workflows across **MySQL** and **MongoDB**, designed normalized and denormalized schemas, and tuned queries for optimal read/write performance at scale.
- **Generative AI Integration:** Integrated **GenAI features** (OpenAI and custom LLMs) into editorial tools to automatically generate summaries, headlines, and content ideas—reducing manual editorial effort significantly.

## Instant System Inc | Sr Software Engineer | Sep 2017 - May 2025

- **REST API Development:** Spearheaded the development of RESTful APIs to support various front-end operations, ensuring seamless communication between the client and server. This involved designing and implementing endpoints that were optimized for performance, security, and scalability, enabling the front-end team to deliver a smooth and responsive user experience.
- **Client-Server Data Exchange Management:** Managed and optimized data exchange processes between the client and server within a distributed architecture. This included implementing efficient data serialization techniques, reducing latency, and ensuring data integrity across all communication layers. Developed middleware to handle authentication, authorization, and session management, ensuring secure and efficient data transactions.
- **Team Management & Code Review:** Led a team of 4+ engineers, guiding them through the entire software development lifecycle. Conducted regular code reviews to ensure adherence to coding standards, best practices, and architectural guidelines. Mentored junior developers, fostering a collaborative environment that encouraged knowledge sharing and continuous learning. Managed project timelines, coordinated with cross-functional teams, and ensured timely delivery of high-quality software solutions.
- **Deployment Services & CI/CD Pipeline Maintenance:** Designed, implemented, and maintained Continuous Integration and Continuous Deployment (CI/CD) pipelines to streamline code management and deployment processes. Utilized tools like GitLab CI, and Docker to automate testing, build, and deployment workflows, reducing manual intervention and minimizing deployment errors. Integrated monitoring and alerting systems to proactively address potential issues, ensuring high availability and reliability of services in production environments.

## Phoenix Media Pvt Ltd | Software Engineer | Dec 2016 - May 2017

- My tenure as a **Junior Software Engineer at Phoenix Media Pvt Ltd** has been an incredibly rewarding experience, allowing me to immerse myself in diverse projects and rapidly enhance my technical skills. Over the past six months, I've had the privilege of working alongside seasoned professionals who have been instrumental in my growth and development within the field.

## Galaxy Tourism Pvt Ltd | Web Developer | Oct 2016 - Dec 2016

- Contributed to query optimization, data integration, and server-side development using technologies like Javascript, PHP, and MySQL during a 3-month tenure.

---

### CLIENTS

#### Clove Dental (Module Lead)

March 2024 - Current

##### Role & Responsibility

- Manage Team and Task , Deployment & Devops
- Designed and developed RESTful APIs to support front-end operations, facilitating smooth and secure data exchange between the client and server.
- Leveraged Angular and JavaScript to build dynamic, responsive, and user-friendly interfaces that significantly enhanced the experience for both patients and dental professionals.
- Conducted comprehensive testing and debugging processes to identify and resolve performance bottlenecks. Implemented automated testing frameworks to ensure the reliability and stability of the codebase, leading to a more efficient and error-free deployment process.
- Integrated microservices architecture into the back-end systems to promote modularity and maintainability.

##### Technology

**Node JS, React JS, Angular, MySQL**

#### Humanize (Sr Software Engineer)

June 2023 - March 2024

##### Role & Responsibility

- Worked as Backend Technology and Front Technology
- Leveraged React JS , JavaScript , Typescript to build dynamic, responsive, and user-friendly interfaces that significantly enhanced the experience for both patients and dental professionals.
- Team management and code review and deployment.
- Integrated audio and video functionalities using Twilio and Zoom within React applications, enabling seamless communication and enhanced user interaction.

##### Technology

**Nest JS, Express JS, React JS, MongoDB**

#### SYNQY Corporation (Sr Software Engineer)

November 2019 - June 2024

##### Role & Responsibility

- **Admin Panel Development:** Developed a comprehensive admin panel to manage and monitor various aspects of the

platform, enabling efficient oversight and streamlined operations.

- **Database Management and Rollups:** Managed rollup databases, optimizing data storage and retrieval processes to handle large volumes of information effectively. Ensured data integrity and performance across the platform.
- **Data Handling and Migration:** Handled significant amounts of data, utilizing MySQL and DynamoDB for efficient storage and migration processes. Implemented strategies to seamlessly transfer data between systems, ensuring minimal downtime and data loss.

#### Technology

**Serverless Arch, Express JS, AWS dynamoDB, React JS, MySQL**

#### CeeKr (Software Engineer)

**Sep 2017 - Nov 2019**

#### Role & Responsibility

- **Server-Side Development:** Developed and maintained server-side logic using PHP, ensuring high performance, responsiveness, and scalability of web applications. Focused on optimizing server-side processes to enhance the overall efficiency of the platform.
- **API Development:** Created and maintained robust and scalable APIs to enable seamless communication between frontend and backend components. Ensured that APIs were secure, efficient, and capable of handling high traffic loads.
- **Technology Stack:** Utilized a diverse set of tools and technologies, including React.js, HTML, CSS, JavaScript, jQuery, MySQL, Git, Jira, and AWS services, to build and maintain various features and functionalities of the platform.

#### Technology

**Javascript, JQuery, React JS, Node js, PHP framework (Cakephp),**